

STIC Search Report

STIC Database Tracking Number: 106598

Renowed noutr on

TO: Examiner Susie Diaz

Location: PK5 7T04

Art Unit: 3624

Wednesday, August 18, 2004

Case Serial Number: 10/043403

From: Ginger Roberts DeMille

Location: EIC 3600

PK5-Suite 804 Phone: 305-5774

Ginger.roberts@uspto.gov

Search Notes

Dear Examiner Diaz:

Please find attached the results of your search for 10/043403.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger



As presented at the Commercial Agriculture Institute, November 15, 2000

NPPC PRODUCTION AND FINANCIAL STANDARDS DATABASE

11/13/2000

Click here to start

Author: NPPC

Home Page:

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http://agebb.missouri.edu/commag/inst/index.htm

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http://agebb.missouri.edu/commag/inst/monov/

PPT Slide

NEW LOOK FOR THE DATABASE

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National Production and Financial Database

Apr 15, 2001 12:00 PM Daniel Uthe

Database enables comparison of pork operations and helps identify long-term profit opportunities for producers.

The National Production and Financial Detabase forms the central hub of a coordinated, knowledge-based information strategy developed with checkoff funds. The database was created to receive the standardized production and financial information of pork producers throughout the U.S. Additionally, it is designed to ensure long-term profit opportunities for producers regardless of operation size. Production and financial software vendors have been engaged in this process to make accurate comparisons between different types of operations.



Search

Z ETAIL







In the past, groups have created databases with either financial or production data exclusively. Standard terms and calculations were not available. Producers commonly submitted data to a service bureau that entered the data. Producers received benchmark-type data after everyone had submitted data.

The National Production and Financial Database has changed all this. The database is outsourced to a firm that builds and manages database applications for Internet use. The National Pork Producers Council (NPPC) administers the program.

Producers access the database through a secure Internet connection to contribute to or view their reports. Data is real-time — it's instantly updated, and current values are used to create reports that can be printed or viewed on screen.

Another benefit of having the database on the Internet is the ease of changing a calculation or adding a new benchmark. All users get all upgrades at the same time.

Big or Small

Producers of any operation size can fulfill the minimum standards necessary to contribute data. Producers' participation will be facilitated by their software, which will automatically organize the appropriate data elements, summarize it in a standardized form ready for uploading to the database.

For the interim, the NPPC has developed Pork Office, a computer program that takes data from existing software systems and assembles it for transmission to the standardized database. The Cooperative Extension Service is adapting spreadsheets to send data to the National Database via Pork Office. Data submissions will undergo a detailed filtering process to

prevent errors from entering the database. If producers submit outlying values, they will be prompted to correct or verify them to guarantee their accuracy.

Data definitions and standard calculations are in the Technical Reference Manual and are available from NPPC as hardcopy or on CD-ROM. Software standardization not only allows producers to load comparable data into the database, but it also enables them to switch software without losing historic tracking data because of inconsistencies between software packages.

Production, Financial Elements

The database is divided into more than 70 production data elements and more than 100 financial data elements. These data elements are used in various combinations to produce about 250 production, financial or combination benchmarks. New data elements or benchmarks can be added any tithe and are available to all users.

Currently, producers are able to enter only production data in the database and therefore can use only the production benchmarks. Examples of reproductive benchmarks are shown in Figure 2. (For more details, see "Benchmarking Analysis Drives Action Plans" on page 14.)

Producers have spent the past year setting up their charts of accounts to match the standards and entering their financial data. A full year of data is required before it can be uploaded into the database for benchmarking.

Database Access

Admission into the database requires a user name and password for secure access. Producers or their consultants can log on to the database, set up, change and manage the structure of their farm and load data. Internet-based access allows producers to load and view their data from home or anywhere at any time of day. The database's address is www.benchmarks online.com.

Producers use a program called an Internet browser, such as Netscape or Michosoft Internet Explorer, to view the database. On the first visit, a producer can register by clicking on the word "register," providing information requested and choosing a login name and password. Once submitted, an e-mail is sent to the database administrator, who then activates the producer's database access and e-mails him an acknowledgement of the activation.

A trial registration is available for producers to have temporary access to sample farm data. An e-mail is sent to the user noting their access will automatically cease on specific date. A producer must meet specific educational requirements before being granted access to the database.

First Step

The first step a producer must take when he logs on as a user is to set up an organization. (Figure 1 shows the first screen after the login.) He can choose how he wants to divide his operation based on how he keeps his financial records.

For example, if a producer keeps financial records as a whole unit, he will only be able to benchmark the operation as a single organization. Their production records will still come in by each phase of production, and they will have production information to benchmark for each production phase. However, certain financial information will not be available.

If a producer has several different operations and keeps financial records for

each unit as a separate business, he can enter each unit as a separate organization, and each can be benchmarked as an individual unit.

The database also provides an opportunity for a producer to combine multiple organizations into one group for benchmarking.

Or, a family operation might have several different business organizations. In that case, they can benchmark each operation and then combine them to benchmark the whole operation. If they have three separate finisher sites, for example, they could benchmark each unit separately and then combine all finishing sites into one and benchmark the combined unit.

Similarly, producers in a consulting group could combine their data for benchmarking. This would allow producers to compare their group to the whole database plus compare themselves to the average of their group.

Even with a new level of standardization, the database still does not completely accomplish the goal of comparing all operations on the same terms. Not all operations are alike. The database also includes more than 100 attributes that are specific characteristics assigned to an operation. These attributes are in four categories — general, breeding, nursery and finishing.

The "general" attribute category could include an operation that is part of a marketing cooperative or purchasing cooperative. Or, perhaps, the general attribute could be part of a vertically coordinated system or production network. It also could be defined by the method used in selling the animals (contracted, open market, etc.). This information will help producers determine whether one method of doing business is really better than another.

There are many opinions about whether it is better to be part of a coordinated system or to remain independent. These benchmarking capabilities can help analyze this question.

Another case in which attributes can be beneficial to benchmarking is when facilities are different. The use of attributes allows producers to look at the age of facilities and see if newer facilities are more efficient, for example. There are attributes for whether animals are single source or co-mingled at some point in the production process.

Attributes that could differentiate farrowing facilities might include flooring type, ventilation system, etc. Type of feed processing could be compared. Producers may want to analyze whether home-raised feedgrains are better than purchased.

When using a benchmark for feed cost, it is important to compare it to all operations. However, it also might be valuable to compare your cost to only operations that also raise their feedgrain. Geographic comparisons, by states or regions, also can be benchmarked.

The use of attributes is a good way to make sure you are comparing similar operations or at least identifying specific differences to compare.

Work in Progress

The National Production and Financial Database has been developing for mote than five years. It will continue to grow in functionality. It will be used the provide information for all producers to help them identify and capitalize on competitive advantages.

Other agriculture groups are looking at the pork production model, and some are developing standards for their segment.

The National Production and Financial Database developers are involved with these groups and continue to play an active role in developing standards for all of agriculture. It is important to the future of food production in the U.S.

Daniel Uthe, National Pork Producers Council

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The current PigWIN version is: 2.4 (30-May-02) - To download the latest version to your computer:

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      19: Chem. Industry Notes 1974-2004/ISS 200432
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                Description
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S19	42	S18 NOT PY>2002
S20	33	RD (unique items)
S21	33	S20 NOT (S7 OR S10 OR S14)
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Language: German

Document Type: Journal article

...1) The world dairy industry (with production and export market shares for 1993/4); (2) Databases; (3) Costs of the milk sector (illustrated with full costs of milk production, wages and work productivity on 100-cow farms); (4) Market yield of the milk sector (comparisons of costs, market yields and profits for 100-cow farms in Germany with those in selected medium- and low-cost countries); (5) Thresholds for gains in milk production (milk prices, quota costs and gain thresholds in the most important milk-producing countries). The article concludes with an analysis of where milk production is most feasible today and where it is likely to be...

4/3,K/7 (Item 2 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2004 CAB International. All rts. reserv.

01500953 CAB Accession Number: 841814294

Modern analysis in agriculture.

Original Title: Korszerubb elemzo munka a mezogazdasagban.

Villanyi, M.

Gazdalkodas vol. 27 (12): p.1-5

Publication Year: 1983 --

Language: Hungarian

Document Type: Journal article

... not been adopted as rapidly as would be desirable, with less than 1% of Hungarian farms using computers. Computer technology is however being promoted under the aegis of the present 5-year plan. Profitable...

... upon the economic utilization of materials, energy and feeds which constitute 65-70% of production costs: if the development of management aids resulted in a 1-2% saving of such costs, profits would be raised by Ft1000-2000 million annually. The factors impeding the application of computer technology include: little modern equipment; high priced services; and insufficient computer programmes. A strategy for promoting the use of computers should comprise: (1) personal computers for middle managers; (2) micro and minicomputers for farm management and management organization; (3) farms at the initial stage of information processing should purchase electronic automatic book-keeping machines. Computers should be applied to promotion of production, productivity,

Computers should be applied to promotion of production, productivity, economic efficiency and to the technical systems connected with these, data processing, cost analysis, planning, and operation of management.

4/3,K/8 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group All rts. reserv.

02058580

Donaldson, Lufkin & Jenrette Securities Corp. Investment Analyst Report on Portfolio Managers Weekly.

CIRR June 17, 1988 p. 1

...Policy Notes: Random Gleanings (16), DLJ Focus and Recommended Lists (IBC), DLJ 1987-88 Corporate **Profits** Assumptions (43), & Market and Economic Performance Monitor (44); Summaries Of Major Publications: Air Freight Industry...

... Morning Meeting Comments: Archer Daniels Midland: Fiscal-1989 Estimate Reduced 20% Because Of Higher Corn Costs, & Computer Systems Monthly: Summary (27), Duquesne Systems: Managing The Data Center Of The Future (28), Food Industry: Higher Crop Prices May Present An Excellent Buying Opportunity For 1989 Outperformance (29), Holly Farms: Fiscal-1989 Estimate Raised, & Liz Claiborne: Claiborne At A Crossroads (30), Metals Weekly: Quarterly Profit -Margin Analysis (33), NACCO: Yale Materials Handling Surges, Supplemental Acquisition, Exit Eastern Coal Mining (34), PHM: Time...

4/3,K/9 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
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1106816 00-82536

GoDigital wires up the hinterlands

Hytha, Michael
Contra Costa Tri-Valley Business Times (Pleasanton, CA, US), V1 N52 p8
PUBL DATE: 990917
WORD COUNT: 615
DATELINE: Fremont, CA, US, Pacific

TEXT:

...for a handful of lines to get the same \$11 a month, there's no profit there."

As with their urban counterparts, rural customers are demanding ever more lines as they add fax machines, computers and multiple voice lines. Gas stations, for example, require one phone line for each pump that has a pay-at-the pump card reader.

GoDigital won't disclose a unit **price**, but the company claims that each new phone line **costs** about \$300 to \$500 using GoDigital's equipment. That's roughly a tenth of what it would take to run new wire to a remote location, said Cruttenden Roth telecommunications **analyst** Glenn Powers in Seattle. Powers, though not familiar with GoDigital, said rural areas are becoming far more important to telecommunications companies, largely because of businesses, including **farms**, that rely on data transmission.

While most of the equipment that transforms ordinary copper wires...

4/3,K/10 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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05484101 Supplier Number: 97691569 (USE FORMAT 7 FOR FULLTEXT)
Computing Profit.
Soybean Digest, v63, n2, pNA
Feb 1, 2003

w 113

Search Report from Ginger R. DeMille

farms managed to record increases in net farm income. Falling sale prices, particularly for sheep, and increased costs made 1989/90 a difficult year for livestock rearing farms. Hill sheep farms and both upland and lowland cattle and sheep farms saw net farm income decline significantly. This decline was from an already low base, resulting in an average net farm income per farm in 1989/90 of pounds sterling8700 for the hill sheep farms; pounds sterling3000 for the livestock rearing farms and pounds sterling400 for the lowland cattle and sheep farms. An analysis of farm balance sheets indicates that in 1990 the average owner occupied farm required a total capital investment of...

7/3,K/3 (Item 2 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2004 CAB International. All rts. reserv.

01844540 CAB Accession Number: 871844043

Farm management survey 1985/86.

Dep. Agric. Economics, Manchester Univ., Manchester, UK.

Bulletin, Department of Agricultural Economics, University of Manchester Additional Authors: Jones, D. O.; Richardson, W. W.; Farrar, J. E.; Lee, D.; Maddison, C.; Reeve, P. J.

(No. 210/FMS69): xvi + 104pp.

Publication Year: 1987 Editors: Allen, R. B. -

Language: English -

Document Type: Miscellaneous

The report presents an analysis of the financial performance for 1985/86 of a sample of farms drawn from the counties of Lancashire, Cheshire, Staffordshire, Shropshire, Merseyside and Greater Manchester. It covers: (1) some aspects of capital investment and income in farming (D.O. Jones); (2) arable farms (W.W. Richardson); (3) dairy farms (J.E. Farrar and D. Lee); (4) livestock farms (Allen); (5) intensive farming (C. Maddison and P. Reeve); and (6) enterprise gross margins (Farrar...

... sheep rearing, poultry and horticulture. Of these groups only the lowland dairy and livestock rearing farms showed any increase in net farm income less breeding livestock appreciation in 1985/86. As in the 1984/85 report arable farms showed the largest percentage fall in net farm income; the more intensive the arable farming the larger the fall. From the financial results of...

... apparent that the profitability of these holdings declined markedly between 1983/84 and 1985/86. Income generated by specialist egg producers rose because of improvements in egg price and a reduction in expenditure on feed. The general picture of the farming balance sheet shows a fall in value of the farmers owner equity, poor returns on tenants capital...

J117

00410249

Economic analysis of including an annual forage in a corn-soybean farming system.

Olson K D; Martin N P; Hicks D R; Schmitt M A DEP. AGRIC. APPL. ECON., UNIVERSITY MINNESOTA, ST. PAUL, MINN. 55108. Journal of Production Agriculture Vol.4, No.4, p.599-606, 1991.

...ABSTRACT: forage legumes. Recent events, however, have increased interest in including forages. The objective of this study was to evaluate economically the introduction of an annual alfalfa (Medicago sativa L.) into a corn-soybean farming system. The decision for an individual farmer was exemplified in a case farm and extended to a larger class of farms by use of risk analysis. Important factors considered were profit levels, yield risk in terms of both quantity and quality, price risk, labor-requirements, machinery requirements, management knowledge, and environmental impacts. Using owned equipment, the average expected net return for the corn...

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? t21/3,k/all
>>>KWIC option is not available in file(s): 19, 252

21/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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3456672 Supplier Number: 03456672 (USE FORMAT 7 OR 9 FOR FULLTEXT)
SuperTarget ponders upscale food strategy: format increases growth
potential. (Cover Story)

DSN Retailing Today, y 41, n 10, p S1(2)
May 20, 2002

DOCUMENT TYPE: Journal ISSN: 0012-3587 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1045

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...continued to experiment with the division's merchandise mix and has worked to reduce labor costs. Private label was expanded this past year to include an entry price point line called Market Pantry, in addition to the retailer's premium Archer Farms Market label.

SuperT sales are estimated at double that of a Target discount store. **Profits** are projected at roughly 65% higher than for a regular Target. Return on investment is similar to traditional stores, though initial capital **costs** are almost 70% higher.

"The format does not produce as strong returns as it does...

...Wal-Mart, but I think it produces acceptable returns, " said Eric Beder, a Ladenburg Thalmann analyst .

Beder and other analysts polled didn't view SuperT as a primary growth vehicle for Target, but as a...

...seen is whether the food side matures into a compelling destination or simply fits the **profile** of a loss leader that's working merely to boost a store's top-line...

21/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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3438102 Supplier Number: 03438102 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Feds confront their legacy applications: Many ask, 'How do we get there
form here? (Special Report)

(Federal agencies)

Government Computer News, v 21, n 10, p 1(7)

May 06, 2002

DOCUMENT TYPE: Journal; Industry Overview ISSN: 0738-4300 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3450

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...com

develoment tools, IBM, Tibco,

webMethods, Vitria, Filenet, Documentum, Intraspect

Lockheed Martin Information Technology Seabrook, Md. GNU Debugger and **Profiler**, Oracle PL/SQL TSO, FileAid, Endeavor, OS/390, Control-D,

301...140 users.

NEA's operation is small compared with those of many agencies. And its system for the most part stands alone, Burke said, though it does have an interface with the Agriculture Department's National Finance Center.

But modernizing presented challenges. Burke said NEA's overall **system** is really three distinct systems with three databases:

- * A full **financial management system** for NEA payments, including such functions as paying grants and vendor invoices
- * A grants management **system** for handling applications and awards of grants
- * A panel bank system as the agency calls it, used in scheduling expert panels for reviewing grant applications.

Burke...

21/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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2465578 Supplier Number: 02465578 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PROFILE - CHINA'S AGRICULTURE SECTOR - MAY, 1999

(China has 156 mil hectares devoted to crops in 1999; estimated to require some 650 mil tons of grain by 2030, up from 550 mil tons in 2010)

Asia Pulse, p n/a

May 18, 1999

DOCUMENT TYPE: Custom Wire (Southern & Eastern Asia)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2069

(USE FORMAT 7 OR-P) FOR FULLTEXT)
PROFILE - CHINA'S AGRICULTURE SECTOR - MAY, 1999

TEXT:

A PROFILE OF CHINA'S AGRICULTURE SECTOR

PREPARED BY ASIA PULSE ANALYSTS (MAY 1999)

OVERVIEW:

China's...work report that the Chinese government will stabilize its basic rural policies, increase investment in agriculture and increase farmers' income in 1999.

The two-tier system of unified and independent management based on

21/3,K/13 (Item 1 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

04221188 CAB Accession Number: 20013145580

Uriginal Title: Prognoza działalności przedsiebiorstwa rolnego z uwzglednieniem jego mikrootoczenia.

Karmowska, G.

Katedra Zastocci Forecasting the activity of an agricultural enterprise with regard to

Katedra Zastosowan Matematyki, Akademia Rolnicza, ul. Monte Cassino 16, 70-466 Szczecin, Poland.

Folia Universitatis Agriculturae Stetinensis, Oeconomica (No.40):

p.347-352

Publication Year: 2001

ISSN: 1506-1965 --

Summary Language: english Language: Polish

Document Type: Journal article

... its own machinery fleet and repair and building services. It had no debts. However, low prices meant that pig sales had become unprofitable, and the same applied to dairying. Initial econometric analysis indicates that the existing activity **profile** provides a chance of keeping unit income just above costs, but more detailed modelling, taking account of internal variables and the influence of the immediate environment, is needed. The adjoining farms , both smaller family enterprises and large company ones, played a complementary rather than competitive role. The smaller **farms** used the study enterprise's machinery repair services. One of the larger enterprises was mainly geared to arable...

... other was a large cooperative selling its own produce after the maximum degree of processing. Study of customer preferences, both potential and present, are also needed for better forecasting.

(Item 2 from file: 50) 21/3,K/14

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

04221187 CAB Accession Number: 20013145579

The Farm Accountancy Data Network in Poland. The origins of the draft act and its adjustment to European Union requirements.

Original Title: Siec danych rachunkowosci gospodarstw rolnych w Polsce. Geneza projektu ustawy i jej dostosowanie do wymagan Unii Europejskiej. Nadolna, B.

Katedra Finansow i Rachunkowosci, Akademia Rolnicza, ul. Zolnierska 47, 71-210 Szczecin, Poland.

Folia Universitatis' Agriculturae Stetinensis, Oeconomica (No.40): p.331-337

Publication Year: 2001

ISSN: 1506-1965 --

Summary Language: english Language: Polish

Document Type: Journal article

...and date of enactment. Data collected by the FADN are used for annual assessment of farms 'operation, analysis of incomes and costs, and evaluation of consequences of changes in agricultural support, notably pricing . In Poland, data collection must ensure a representative sample farms , the principle of voluntary participation of farmers, and confidentiality. Data will need to include a list of statistical regions, standard gross margins, and a register of farms and their individual profiles . They will relate to commercial farms subject to agricultural taxation. The Polish draft is compared to EU legal regulations, and is...

(Item 3 from file: 50) 21/3,K/15

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

03655413 CAB Accession Number: 981812770

The Australian beef industry 1998.

Martin, P.; Riley, D.; Jennings, J.; O'Rourke, C.; Toyne, C.

xvii + 146 pp.

Publication Year: 1998

Australian Bureau of Agricultural and Resource Economics Publisher:

(ABARE) -- Canberra, Australia ISBN: 0-642-26630-1

Language: English

Document Type: Miscellaneous

financial , physical and This report provides a **profile** of the socioeconomic characteristics of farms in the Australian beef industry. It examines changes in the composition of the Australian herd, markets for Australian beef, the live cattle trade, herd performance, farm financial computer use on farms , farm management and training performance, activities, and corporate and family farm performance.

21/3,K/16 (Item 4 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

CAB Accession Number: 900644231

An analysis of a silvopastoral system for the marginal land in the southeast United States.

Dangerfield, C. W., Jr.; Harwell, R. L.

Extension Agricultural Economics, Coliseum, The University of Georgia, Athens, GA 30602, USA.

Agroforestry Systems vol. 10 (3): p.187-197

Publication Year: 1990

ISSN: 0167-4366 Language: English

Document Type: Journal article

...use on marginal land: agroforestry in the southeast. USA; Division of Agricultural Economics, College of Agriculture, University of Georgia, 1988, FS 88-22.). The system both increased profits and improved cash over monoculture pine. The earlier study used YIELD-PLUS, a computerized tree growth simulator developed by the Tennessee Valley Authority, to model the agroforestry enterprise. The study reported here ...Personal profiles;

(Item 1 from file: 636) DIALOG(R) File 636: Gale Group Newsletter DB(TM) (c) 2004 The Gale Group. All rts. reserv.

Supplier Number: 90473070 (USE FORMAT 7 FOR FULLTEXT) Customized Program Manages Pork Profits.

National Hog Farmer, pNA

August 15, 2002 Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade Word Count: 1246

realize the need for producers to be able to easily see the true net revenue profile of their hog operations, says Malarkey. CIH developed the Profit Margin Management Service to help from up to a decade ago, says

An evaluation of various contract choices to best manage profit margins.

One-on-one consultation in a...

...her net profit margin based on actual and projected corn and soybean meal needs, other feed and non-feed costs, production levels and expected hog basis or minimum return, explains Iverson. The net margin is simply the difference between the revenue generated from hog sales, including all premiums, and total costs for feed and other expenses, says Iverson.

Projected costs and potential revenues are developed using the futures market to set prices for feed inputs and hog sales.

"To develop a producer's unrealized **profit** margin four quarters out, we use a projected hog basis that could be based on...

... Bob Johnson has used the services of CIH for 18 months, since they started the Profit Margin Management Service for pork producers.

The service uses a software spreadsheet to take the cost structure data supplied by Johnson Farms and provides weekly e-mailed worksheet reports. "Those reports show (project) how much we can...

(Item 2 from file: 636) 21/3,K/31 DIALOG(R) File 636: Gale Group Newsletter DB(TM) (c) 2004 The Gale Group. All rts. reserv.

Supplier Number: 56717917 (USE FORMAT 7 FOR FULLTEXT)

USDA: Agricultural Outlook >T.

M2 Presswire, pNA

Oct 21, 1999

Language: English Record Type: Fulltext Document Type: Magazine/Journal; Trade

Word Count: 16474

specialty than in other specialties, including other crops, cattle, other livestock, and wheat. Because this analysis is for a single year, the recent financial circumstances of farms in the Plains, especially...

...actively marketing their products, and adopting effective financial strategies. Controlling costs variable, fixed, or economic costs (which provide a return to the unpaid labor, machinery, equipment and other assets used in production) is a main feature of top-performing farms. Controlling inputs leads to lower costs per unit of output and thus to higher profits per unit of output. Keeping fixed costs (such as mortgage payments or equipment costs) low by renting land or machinery permits flexibility when market conditions vary.

Production strategies differ between operators of top-performing small farms and operators of other small farms in the study groups. In addition to keeping an eye on traditional production costs, producers in the top 25 percent of the lower-sales group reported greater use of forward pricing of inputs, diversification into additional ...that group. Higher-sales farmers had similar characteristics. All these strategies help farmers manage production risk. In both the higher-sales and lower-sales groups, farmers in the top 25 percent...

...products. Active marketing of crop and livestock commodities/products generally gathers additional margins which increases **profits** through better timing of sales to receive higher **prices**. Top-performing **farms** in both of the study groups were more likely than other **farms** in those categories to use marketing strategies like hedging or futures/options contracts, forward contracting...

...enable top performers to respond to changes in the market. Data available for the ERS **study** reflect relatively low-intensity financial practices such as maintaining cash and credit ...MFN tariffs that are compared here.

The most striking feature of each country's tariff **profile** is its low overall level. By 2000, bound tariffs will average below 10 percent in ...

21/3,K/32 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04101994 Supplier Number: 53956833 (USE FORMAT 7 FOR FULLTEXT)

USDA: Agricultural Outlook -- Full Text.

M2 Presswire, pNA

Feb 23, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 16785

... risk. Three risks that concern farmers most, according to USDA's 1996 Agricultural Resource Management **Study**, are uncertainty regarding commodity **prices**, declines in crop yields or livestock production, and changes in government law and regulation.

Farmers have a variety of tools for cutting risk, such as diversification of production across multiple enterprises, entering into production and/or marketing contracts, and keeping extra cash on hand for emergencies. Other strategies include crop or revenue insurance, futures market trading, and

off-farm employment. When individual efforts to deal with financial stress fail and large numbers of **farms** face significant financial loss, the Federal government has stepped in to assist farmers with direct...

maintaining cash reserves or evening out cash flow). Using risk management does not necessarily avoid **risk** altogether, but instead balances **risk** and return consistent with a farm operator's capacity to withstand a wide range of...

...respect to enterprise mix, financial situation, and other business and household characteristics, many sources of risk are common to all farmers, ranging from price and yield risk to personal injury or poor health. But even when facing the same risks, farms vary in their ability to weather shocks. For example, in an area where drought has lowered yields, falling prices resulting from large worldwide production could have devastating consequences for local farm incomes. With such a downturn, some bankraphicies are likely to occur, and producers who are highly leveraged and have small financial reserves or lack off-farm income would be most vulnerable.

What do farmers themselves say about the <code>risks</code> they face? USDA's 1996 Agricultural Resource Management <code>Study</code> (ARMS), conducted in the spring of 1997 (about a year after passage of the 1996 Farm Act), asked producers how concerned they were that certain types of <code>risk</code> could affect the viability of their <code>farms</code>. Three <code>risk</code> factors of greatest concern to farm operators were uncertainty regarding commodity <code>prices</code>, declines in crop yields or livestock production, and changes in government law and regulation. Issues such as <code>price</code> and yield have historically been a focus of government farm programs. But new policy areas...correlated with a national corn yield, and therefore more negatively correlated with the national corn <code>price</code>. For wheat, where production is more dispersed and U.S. production is a smaller share...

...for example, implies that forward contracting or hedging in futures is more effective in reducing income risk than when a strong natural hedge exists. In this situation, locking in a sales price for part of the expected crop works to establish one component of the farm's revenue, reducing the likelihood of simultaneously low price and low yield. As a result, hedging can sometimes be an effective risk management strategy for farms outside major producing regions.

Deciding how much to hedge is more complicated than just assessing price -yield correlation. Income risk is also a function of price variability and yield variability. Hedging effectiveness declines as yield variability increases, and corn yields are...

...more variable outside the Corn Belt. Since yield variability tends to outweigh the impact of **price** -yield correlation, hedging is generally not as effective in less consistent production areas as in the Corn Belt.

No Single Approach Suits All Farms

While factors such as yield variability, price variability, and price -yield correlation can be used to gauge the likely effectiveness of various risk management strategies, producers' attitudes toward risk are also determinants in selecting strategies. Some farmers are less risk averse than others, and, for example, might feel more comfortable in a highly leveraged situation...insurance. Risk protection is greatest when crop insurance (yield risk protection) is combined with forward pricing or hedging (price risk protection).

Crop revenue insurance pays indemnities to farmers based on revenue shortfalls instead of yield or **price** shortfalls. As of 1998, three revenue insurance programs (Crop Revenue Coverage, Income Protection, and Revenue Assurance) were offered to producers in **selected** locations. All three are subsidized and reinsured by USDA's **Risk** Management Agency.

Household off-farm employment may provide a stream of **income** to the farm operator household that is more reliable and steady than returns from farming...

...according to USDA's ARMS data, 82 percent of all farm households reported off-farm income exceeding farm income. In every sales class (including very large farms), at least 28 percent of the associated farm households had off-farm income greater than farm income.

SPECIAL ARTICLE

Value-Enhanced Crops: Biotechnology's Next Stage Biotechnology's next quest, to provide...stearic acid.

Mid-oleic sunflower seed, a conventionally bred type, has a modified fatty acid **profile** it was grown on 100,000 acres in the U.S. in 1998, and plantings...

...through conventional breeding, is the most important corn variety now available with an enhanced nutritional **profile**. This variety has been commercially available for about 6 years, and acreage has increased significantly...

21/3,K/33 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

03560065 Supplier Number: 47364437 (USE FORMAT 7 FOR FULLTEXT) ECONOMIC RESEARCH SERVICE: Vegetables and specialties-Part 4

M2 Presswire, pN/A

May 6, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 3281

... the Biologically Integrated Orchard Systems project in California and the Agricultural Research Service area wide **program** in the Pacific Northwest, are providing technical assistance, **financial** incentives, and other support to help growers learn to use less chemical-intensive management systems.

References Bio-Dynamic Farming and Gardening Association, Inc. (1996). "1997 Community Supported Agriculture (CSA)," Kimberton, Pa.

Bruhn, Christine M., and Katherine Diaz-Knauf, Nancy Feldman, Jan Harwood, Genevieve...

...Winter.

Davies, Anne, Albert J. Titterington and Clive Cochrane (1995). "Who buys organic food? A **profile** of the purchasers of organic food in Northern Ireland, "British Food Journal, Vol 97, No...

-117

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        Items
                Description
                (FARM? ? OR FARMER??)(3N)(PROFIT? ?)(6N)(DATABASE OR SET OR
              GROUP OR COLLECTION) (3N) FARMS
          142
                S1 NOT NON()PROFIT
S2
S3
          142
                S1 NOT. NON (1W) PROFIT
                S3 NOT PY>2002
S4
          121
                RD (unique items)
          112
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>>>KWIC option is not available in file(s): 19, 252
             (Item 1 from file: 9)
 5/3,K/1
DIALOG(R) File
                9:Business & Industry(R)
(c) 2004 The Gale Group. All rts. reserv.
                                       (USE FORMAT 7 OR 9 FOR FULLTEXT)
2509134 Supplier Number: 02509134
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in Kenya: a case study;

Owuor, P. O.; Kavoi, M. M.; Siele, D. K.

Tea Research Foundation of Kenya, P.O. Box 820, Kericho, Kenya.

Journal of Plantation Crops vol. 30 (1): p.27-32

Publication Year: 2002

ISSN: 0304-5242 --Language: English

Document Type: Journal article

...the range was found at 109-110 kg N/ha/year that influenced short run profits at 0.1 percent. It is concluded that tea farms using nitrogen rates within this range are more successful in responding to the set of prices (Price efficiency) and/or because they have higher quantities of fixed factors of...

5/3,K/46 (Item 2 from file: 50)

DIALOG(R)File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

04295497 CAB Accession Number: 20023042554

Large agricultural enterprises and change in the socio-economic structure of the agricultural sector.

Petrikov, A. V.

VIAPI, Russia.

Ekonomika Sel'skokhozyaistvennykh i Pererabatyvayushchikh Predpriyatii (No.5): p.7-9

Publication Year: 2001

ISSN: 0235-2494 --Language: Russian

Document Type: Journal article

... enterprises into groups depending on whether they were in a financially satisfactory condition (22% of farms), experiencing some short-term financial difficulties (17%), or insolvent (61% of farms). Despite the number of profitable farms having grown in recent years, the bulk of profits are still obtained by a relatively small group of enterprises. The number of weak enterprises is growing more rapidly than the number of...

5/3,K/47 (Item 3 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

04215899 CAB Accession Number: 20023053545

Minimum economic farm size: a case study of the smallholder tea sub-sector in Kenya.

Kavoi, M. M.; Owuor, P. O.; Siele, D. K.

Institute of Human Resource Development, Jomo Kenyatta University of Agriculture and Technology, P.O. Box 62000, Nairobi, Kenya.

Agrekon vol. 40 (3): p.393-404

Publication Year: 2001

ISSN: 0303-1853 --Language: English

Document Type: Journal article

white

... a tea farm should have below which it would be referred to as "uneconomic tea farm size". A profit function model was fitted on 259 smallholder farms. It is concluded that all tea farms in these subsets are more successful in responding to the set of prices they face (price efficiency) and/or because they have higher quantities of fixed...

5/3,K/48 (Item 4 from file: 50)
DIALOG(R)File 50:CAB Abstracts
(c) 2004 CAB International. All rts. reserv.

04161025 CAB Accession Number: 20013158015

Economic performance of organic farms in selected European countries: situation, development and determinants.

Original Title: Wirtschaftliche Situation okologischer Betriebe in ausgewahlten Landern Europas: Stand, Entwicklung und wichtige Einflussfaktoren.

Offermann, F.; Nieberg, H.

Institut fur Betriebswirtschaft, Agrartruktur und landliche Raume, Bundesforschungsanstalt fur Landwirtschaft, D-38116 Braunschweig, Germany.

Agrarwirtschaft vol. 50 (7): p.421-427

Publication Year: 2001

ISSN: 0002-1121 --

Language: German Summary Language: english

Document Type: Journal article

... of price support measures to area based compensation schemes as well as the payments for **set** -aside land have increased the relative profitability of extensive farming systems. Especially organic arable farms have been benefiting from these developments. The development of **profits** in organic and comparable conventional farms is remarkably similar. This indicates that independent from the current system external factors are influencing...

5/3,K/49 (Item 5 from file: 50)
DIALOG(R)File 50:CAB, Abstracts
(c) 2004 CAB International. All rts. reserv.

03931374 CAB Accession Number: 20000109036

Some economic aspects of organic zootechnology in Alto Adige.

Original Title: Alcuni aspetti economici della zootecnia biologica in Alto Adige.

Salghetti, A.; Ruggiero, N.

Istituto di Economia Rurale e Zooeconomia, Facolta di Medicina Veterinaria, Universita degli Studi di Parma, Italy.

Annali della Facolta di Medicina Veterinaria, Universita di Parma vol. 19 p.81-104

Publication Year: 1999

ISSN: 0393-4802 --

Language: Italian Summary Language: german; english

Document Type: Journal article

... of exploiting zoo-technological products is offered by organic

5/3,K/54 (Item 10, From file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

Agricultural adaptation to urbanization: farm types in northeast metropolitan areas.

Heimlich, R. E.; Barnard, C. H.

Water and Agricultural Policy Division, US Environmental Protection Agency, USA.

Northeastern Journal of Agricultural and Resource Economics vol. 21 (1): p.50-60

Publication Year: 1992 ---

Language: English

Document Type: Journal article

...adaptations to urban pressures. The paper delves beneath metropolitan county averages using data on individual **farms** in Northeast USA classified into three statistically distinct types. A small **group** of adaptive **farms profit** from intensive production on smaller acreage to accommodate themselves to the urban environment. Traditional **farms** have increased costs and pressures on their more extensive operations without compensating increases in revenue...

5/3,K/55 (Item 11 from file: 50)

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

02507160 CAB Accession Number: 921893479

Analysis of the factors underlying the profitability of winter rape.

Original Title: Faktorova analyza zisku pri vyrobe repky ozime.

Zivelova, I.

Vysoka skola zemedelska, Zemedelska 5, 613 00 Brno, Czechoslovakia.

Zemedelska Ekonomika vol. 37 (6): p.407-415

Publication Year: 1991 --

Language: Czech Summary Language: english; german; russian

Document Type: Journal article

The profitability of winter rape is investigated using data from a selected **set** of 41 cooperative **farms** in Czechoslovakia over the period 1986-88. Results indicate that **profit** levels are most influenced by production costs.

5/3,K/56 (Item 12 from file: 50)

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

02506903 CAB Accession Number: 921893149

Profit and the economic development of farms.

Original Title: Zisk v ekonomickom rozvoji pol'nohospodarskych podnikov.

Bielik, P.; Zentkova, I.; Minarikova, E.

Vysoka skola pol'nohospodarska, Lomonosovova 2, 949 67 Nitra, Czechoslovakia.

Zemedelska Ekonomikaj vol. 37 (5): p.327-335

Publication Year: 1991 --Language: Slovakian Sum Summary Language: english; german; russian

Document Type: Journal article

The role of **profit** is analysed with regard to the economic development of a group of cooperative farms in Czechoslovakia over the period 1985-89. Considerable differences were found to exist in the...

(Item 13 from file: 50) 5/3,K/57

DIALOG(R) File 50: CAB Abstracts . . .

(c) 2004 CAB International. All rts. reserv.

02484493 CAB Accession Number: 911891735

Some possible trends in changes in the present land use pattern of east Serbia.

Milanovich, N.

Faculty of Geographical Sciences, Belgrade, Yugoslavia.

Conference Title: Limits to rural land use. Proceedings of an international conference organized by the 'Commission on Changing Rural Systems' of the International Geographical Union (IGU), Amsterdam, Netherlands, 21-25 August 1989

p.170-175

Publication Year: 1990

Editors: Oort, G.M.R.A. van et al.

Publisher: Centre for Agricultural Publishing and Documentation (Pudoc)

-- Wageningen, Netherlands

ISBN: 90-220-1030-9 Language: English

Document Type: Conference paper

... land but do not cultivate it. A factor that hampers agricultural production is the limit set to land ownership which has been introduced in order to curb profits on individual farms . Possible solutions would be a taxation policy discouraging an owner who does not till the...

5/3,K/58 (Item 14 From file: 50)
DIALOG(R)File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

02210352 CAB Accession Number: 901875445

Economic results from horticulture 1988 harvest year.

Hinton, W. L.; Housden, W. C.

Publication Year: 1989

Publisher: Agricultural Economics Unit, Department of Land Economy,

University of Cambridge -- Cambridge,

Language: English

Document Type: Miscellaneous

... small improvement in prices in 1988. Of the 11 farms in the Mainly Top Fruit group , 5 sustained losses, while among the 6 Mixed Fruit Farms only two made a profit .

Economic results from horticulture, 1983 harvest year.

Hinton, W. L.; Housden, W. C.

Agricultural Economics Unit, Department of Land Economy, 19 Silver Street, Cambridge, CB3 9EP, UK.

28pp.

Publication Year: 1984

Publisher: Agricultural Economics Unit, Department of Land Economy,

University of Cambridge -- Cambridge, UK

Language: English

Document Type: Miscellaneous

... 000 per ha. Vegetable farms, unlike the glasshouse nurseries, have never made losses as a **group** and 1983 continued this pattern. Indeed, **profits** on vegetable **farms**, averaging pounds sterling973 per ha in 1983, have never been better, some compensation for the...

5/3,K/67 (Item 23 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

01539977 CAB Accession Number: 841818092

An analysis of Farm Management Services costed farms 1983-84.

Poole, A. H.; Craven, J. A.; Mabey, S. J.

Report, Farm Management Services, Milk Marketing Board, UK

(No. 40): 50pp.

Publication Year: 1984 --

Language: English

Document Type: Miscellaneous

...margin per cow and per ha by 17%. The specialist grassland sub-sample of 108 farms recorded a 6% rise in overhead costs. The ultimate effect was a fall in **profit** for the specialist grassland **group** by 93% from pounds sterling12 055 to pounds sterling798. The cash deficit increased to pounds...

5/3,K/68 (Item 24 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

01422950 CAB Accession Number: 841807984

Technical and economic aspects of cattle fattening in Saragossa (Spain). Original Title: Aspectos tecnico-economicos del cebo de vacuno en la provincia de Zaragoza.

Saez Olivito, E.

146pp.

Publication Year: 1981

Publisher: Institucion "Fernando el Catolico" -- Saragossa, Spain

ISBN: 84-00-04954-3

Language: Spanish

Document Type: Miscellaneous

... formulae were investigated and various tethering systems were included in the analysis. Cost benefit and **profit** data are tabulated for the 40 **farms** . A **set** of 12 conclusions outline the most profitable

systems and locations in the province (beef cattle...

5/3,K/69 (Item 25 from file: 50)

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

01354500 CAB Accession Number: 831803602

The agricultural balance sheet.

Walter, R.

Green Alliance, 60 Chandos Place, London WC2N 4HG, UK.

27pp.

Publication Year: 1982

Publisher: Conservation Society -- London, UK; Green Alliance;

. . . .

Chertsey, UK

Language: English

Document Type: Miscellaneous

... economy has been eliminated in the UK, and as the EC agricultural price structure was set at cost levels of small producers, large rationalized farms were able to make handsome profits. It is argued that the British model of farm structure is no longer appropriate in an economy of increasing unemployment and rising resource costs...

5/3,K/70 (Item 26 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

01076946 CAB Accession Number: 811876592

A comparison of dairy farming in Bavaria and England and Wales.

Arlington, M.

Report, Farm Management Services Information Unit, Milk Marketing Board

(No. 25): iv + 49pp.

Publication Year: 1981 --

Language: English Summary Language: german

Document Type: Miscellaneous

... in gross margin per cow, compounded by the slightly higher stocking rate on the Bavarian farms, was the main reason for difference in profit. The higher profit /ha of the Bavarian farms must be set in the context of their smaller farm size. Whole farm profit was pounds-sterling 9800 compared with the FMS figure of pounds-sterling 11 000. Nevertheless...

5/3,K/71 (Item 27 from file: 50)

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

01072353 CAB Accession Number: 801871526

Material incentives for leadership of workers.

Original Title: Hmotna zainteresovanost vedoucich pracovniku.

Ledl, C.

Vysoka Skola Zemedelska, Prague, Czechoslovakia. Zemedelska Ekonomika vol. 3 (26): p.145-157

5/3,K/74 (Item 30 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00671578 CAB Accession Number: 771838458

Profit margin as a ratio within the analysis of financial statements.

Original Title: "Umsatzrentabilitat" als Kennzahl in der Bilanzanalyse.

Jochimsen, H.

Institut fur Landwirtschaftliche Betriebs- und Arbeitslehre der

Universitat Kiel, German Federal Republic.

Agrarwirtschaft vol. 26 (10): p.302-310

Publication Year: 1977

ISSN: 0002-1121 --

Language: German Summary Language: english

Document Type: Journal article

... choice. It can be applied only as a substitute to measure the profitability of whole farm businesses if there is good proof of a sufficient correlation, between the **profit** margin and the return on investment within a **group** of farms, used for inter-farm comparison. While the **profit** margin is appropriate for evaluating stability against price decline its use for farm growth planning...

5/3,K/75 (Item 31 from file: 50)

DIALOG(R) File 50:CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00431577 CAB Accession Number: 761830698

The financial position of grassland farms with housing with resting cubicles, and with group housing.

Aukema, S.

Landbouw-Economisch Instituut, The Hague, Netherlands.

Bedrijfsontwikkeling vol. 7 (5): p.347-351

Publication Year: 1976

ISSN: 0303-4127 --

Language: Dutch

Document Type: Journal article

... housing, but generally had more owned land and more dairy cows. In 1974/75, invested farm capital yielded only 1.7% profit on the farms with cubicle housing and 0.3% profit on those with group housing (after allowing a reasonable salary for the farmer's labour). It is pointed out...

5/3,K/76 (Item 32 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00427942 CAB Accession Number: 761826055

An evaluation of the feasibility of increasing the incomes of small farm operators by working on larger commercial farm units.

Peterson, D. L.

Dissertation Abstracts International, A vol. 34 (12, part 1): p.7427

Publication Year: 1974 Order Number: 74-13,010 --

Language: English

Document Type: Journal article

- 117

... had facilities for pig farrowing and rearing with potential to build other livestock facilities. Each farm was optimized independently for maximum profits. Each of the smaller farms was linked to the larger farms so that labour could flow to the larger farm, and aggregate profits of the two farms be maximized. Land was then allowed to move between the two farms, and profits were maximized again. Adjustments were then made on the farm support programmes by limiting total payments and reducing the set-aside requirements. When either of the small farms was linked to the larger, total profits increased, but total manhours worked decreased. However, the small operator would be worse off working

5/3,K/77 (Item 33 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00425414 CAB Accession Number: 751822907

Improvement of price formation.

Original Title: Sovershenstvovat' cenoobrazovanie.

Grusheckii, L.

Ekonomika Sel'skogo Khozyaistva (7): p.41-49

Publication Year: 1975

Publisher: -- Moscow., USSR

Language: Russian

Document Type: Journal article

... at a loss. In addition, the regional differentiation of prices does not correspond to the **set** aim of creating similar opportunities for **profit** for all **farms**. Improvements are needed at these points and the criticism is made that the Soviet Ministry...

5/3,K/78 (Item 34 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00306838 CAB Accession Number: 751817576

Evaluating the level of management.

Original Title: Ocenka urovnja rukovodstva.

Vorkunov, S.; Selin, E.

Ekonomika Sel'skogo Hozjajstva (11): p.59-65

Publication Year: 1974

Publisher: -- Moscow., USSR

Language: Russian

Document Type: Journal article

...available factors of production. For this purpose an average value is worked out for the **profits** to be attained from sales for a **group** of comparable **farms**, fluctuations from this average value showing below or

above average performancees of the farm management...

5/3,K/79 (Item 35 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00306260 CAB Accession Number: 741816922

The dependency of farm efficiency on specialization.

Original Title: Ocenka effektivnost' hozjajstv raznoj specializacii.

Nelep, V.

Ekonomika Sel'skogo Hozjajstva (10): p.64-69

Publication Year: 1974

Publisher: -- Moscow., USSR

Language: Russian

Document Type: Journal article

... fattening do considerably better than those specializing in poultry or cereals/sugar-beet/milk. The **profit** is also growing more rapidly in the first **group** of **farms**. The reason given for this (in addition to the higher degree of specialization and concentration...

5/3,K/80 (Item,35 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00305103 CAB Accession Number: 741815631

Applications and organizational requirements for programming the use of agricultural machinery by a number of farms.

Original Title: Anwendungsmoglichkeiten und organisatorische Voraussetzungen der Planungsrechnung beim zwischenbetrieblichen Landmaschineneinsatz.

Heintze, H. J.

Institut fur Industriebetriebslehre und Unternehmensforschung, Universitat Hamburg, German Federal Republic.

Berichte uber Landswirtschaft vol. 52 (1): p.143-154

Publication Year: 1974

Publisher: -- Hamburg., German Federal Republic

Language: German Summary Language: english; french

Document Type: Journal article

... national level and a market economy requiring costs to be constantly adjusted to returns and **profit**. The programme for optimizing machine use for a **group** of **farms** requires the listing of data on (1) members and member farms, (2) area of land...

5/3,K/81 (Item 37 from file: 50)

DIALOG(R) File 50: CAB Abstracts

(c) 2004 CAB International. All rts. reserv.

00198904 CAB Accession Number: 741816332

Corn silage versus alfalfa on average dairy farms.

Nott, S. B.

Agricultural Economics Report, Department of Agricultural Economics, Michigan State University



5/3,K/107 (Item 3 from file: 635)
DIALOG(R)File 635:Business Dateline(R)

(c) 2004 ProQuest Info dearning. All rts. reserv.

0490902 94-44879

Bottled milk market wide open

Brown, Jake

Vermont Business Magazine (Brattleboro, VT, US), V22 N4 s1 p62

PUBL DATE: 940400 WORD COUNT: 1,418

DATELINE: Burlington, VT, US

TEXT:

...and the extra fuel required to transport the heavier bottles.

Vermont Milk Producers, a for- profit group of about 30 smaller farms, mainly in Addison County, sells milk in all New England states.

A TASTE

5/3,K/108 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Froup Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

05064442 Supplier Number: 77559430 (USE FORMAT 7 FOR FULLTEXT)

It's All About Profits.

Soybean Digest, p4

Sept 1, 2001

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 449

... top one-third category once you make it there. In fact, only 5% of the farms stayed there all of the years studied. However, 36% of the farms were in the high-profit, one-third category more than half the time.

On the flip side, farms in the lower income groups tend to be smaller than the high, one-third farms. Also, farms in the higher-profit group tend to own less farmland.

So as you gear up for harvest, pay particular attention...

5/3,K/109 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

04418143 Supplier Number: 55.624823 (USE FORMAT 7 FOR FULLTEXT) Standard Terms Needed To Understand Standard Records.

National Hog Farmer, pNA

August 15, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 286

... than another. Pigs/sow/year is a better measurement of output, but not necessarily of **profit** .

>From the NPPC database, however, producers will be able to select data from farms most closely resembling their own (number of breeding females, feed sources, litters/breeding female/year...

5/3,K/110 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

04150837 Supplier Number: 54417508 (USE FORMAT 7 FOR FULLTEXT)

How Do You Rank?

Russnogle, John

Soybean Digest, pNA

March 31, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Newsletter; Trade

Word Count: 752

... t look at this as scientific data because there is so much variation among the **farms**. But you can see trends when you compare the **group** averages.

High- profit farmers tended to plant in narrower rows, although 30" rows were the predominant choice in both...

5/3,K/111 (Item 4 from file: 636)

DIALOG(R) File 636: Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

03244216 Supplier Number: 46655261 (USE FORMAT 7 FOR FULLTEXT)

SUDAN-ENVIRONMENT: BIG FARMERS DESTROY THE LAND

Inter Press Service, pN/A

August 26, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade .

Word Count: 666

... leaving a trail of environmental destruction and landless people, a report by a local environmental **group** here said.

These farms, whose profits only accrue to a small group of entrepreneurs, have also created a growing class of poor farmers, who have no option...

5/3,K/112 (Item 5 from file: 636)

DIALOG(R) File 636: Gale Group Newsletter DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

02705439 Supplier Number: 45487257 (USE FORMAT 7 FOR FULLTEXT)

FISHERIES-PERU: MANY CAUGHT, FEW EATEN IN NATION OF FISHERS

Inter Press Service, pN/A

April 21, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 453

... are not aimed to improve the diet of local people. Their aim is to make profits, raise exports and create employment.

Prawn farms set up by farmers in Arequipa decades ago are being supplanted by others in the forest and hills where...?

4318-Aug-0408:45 AM

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? show files;ds
File 350: Derwent WPIX 1963-2004/UD, UM &UP=200452
         (c) 2004 Thomson Derwent
File 344: Chinese Patents Abs Aug 1985-2004/May
         (c) 2004 European Patent Office
File 347: JAPIO Nov 1976-2004/Apr (Updated 040802)
         (c) 2004 JPO & JAPIO
File 371: French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI. All rts. reserv.
File 348: EUROPEAN PATENTS 1978-2004/Aug W02
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040812,UT=20040805
         (c) 2004 WIPO/Univentio
                Description
Set
        Items
                 (ANALYS? OR ANALYZ? OR EVALUAT? OR PREDICT? OR STUDY? OR S-
S1
             ELECT?) (5N) FARMS (20N) (PROFIT? ? OR REVENUE? ? OR INCOME? ?) (2-
             ON) (TRANSPORT? OR RISK? ? OR ELEVATOR? ? OR FEED OR COSTS) (20-
             N) (PRICE? ? OR PRICING)
          593
                BALANCE() SHEET? ?
S2
                S1(20N) (DATABASE? OR SOFTWARE OR COMPUTER?)
            1
                S1(20N)S2
            0
            0
                S5 NOT S4
                S1(20N)(ELEVATOR? ? OR LIFT? ? OR LOADER? ?)
            1
S6
s7
                S8 NOT (S4 OR S7)
                 (MANAGEMENT OR ANALYSIS OR ESTIMATOR OR PREDICTOR OR PREDI-
S8
             CTION) (8N) (SYSTEM OR PROGRAM OR SOFTWARE OR COMPUTER?) (8N) (FI-
             NANCIAL OR BALANCE()SHEET? ? OR INCOME OR PROFIT? ?)(8N)(FARMS
              OR AGRICULTURE)
                S1 AND S11
                S12 NOT (S7 OR S4 OR S10)
S10
                S1 AND PROFILE? ?
S11
            2
                S11 AND PROFILE? ?
S12
            2
S13
            1
                (S1 OR S11) AND PROFILING
                S15:S17
S14
            0
                $18 NOT PY>2002
$20 NOT ($7 OR $10 OR $14)
S15
            0
S16
                S1 OR S3 OR S6 OR S8 OR S11:S13
s17
            3
                FARM? ? OR AGRICULTURAL OR FARMLAND OR CROP? ?
       175046
S18
         2496
                S18 AND IC=G06F
S19
S20
        56960
                S18/TI
                S20 AND IC=G06F
S21
          659
                S20 AND IC=G06F-017/30
S22
           44
                S20 AND IC=G06F-017/30:G06F-017/60
S23
          313
                S23 NOT S22
          269
S24
           59
                 S24 AND FARM? ?/TI
S25 .
```

? t17/3, k/all (Item 1 from file: 349) 17/3,K/1 DIALOG(R) File 349:PCT FULLTEXT (c) 2004 WIPO/Univentio. All rts. reserv. 00888171 A METHOD OF ALLOCATING RESOURCES PROCEDE D'ALLOCATION DES RESSOURCES Patent Applicant/Inventor: BLANDY Charles William Douglas, 4 Dryden Street, Canterbury, VIC 3126, AU , AU (Residence), AU (Nationality) EVENDEN Peter Brian, 5 Sunnyridge Place, Bayview, NSW 2104, AU, AU (Residence), AU (Nationality) Legal Representative: WATERMARK PATENT & TRADEMARK ATTORNEYS (agent), 290 Burwood Road, Hawthorn, VIC 3122, AU, Patent and Priority Information (Country, Number, Date): Patent: Application:

WO 200221348 A1 20020314 (WO 0221348)

WO 2001AU1131 20010910 (PCT/WO AU0101131)

Priority Application: AU 200033 20000911

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU ÂZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English

Fulltext Word Count: 18487

Fulltext Availability: Detailed Description

Detailed Description

... commercial value can be captured from the volume R&D effect that minimises technical and financial risk from encouraging a maximum number of step change "start-ups" e.g. step changes in new drugs, IT systems, computers, cars - transportation, agriculture and food etc.

Innovation and commercialisation of R&D under this invention is a "linked technical- financial - management machine of integrated innovations

technical skills and/or innovation and financial skills and...

(Item 2 from file: 349) 17/3,K/2 DIALOG(R) File 349: PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00883358 **Image available**

SYSTEM AND METHOD FOR DEVELOPING A FARM MANAGEMENT PLAN FOR PRODUCTION AGRICULTURE

SYSTEME ET PROCEDE DE MISE AU POINT D'UN PLAN DE GESTION D'EXPLOITATION

...

AGRICOLE POUR L'AGRICULTURE PRODUCTIVE

Patent Applicant/Inventor:

SCHNEIDER Gary M, 4528 Otter road, Masonville, Colorado 80541, US, US (Residence), US (Nationality)

Legal Representativ

PINE Jeffrey A (agent), Baniak Pine & Gannon, 150 N. Wacker Drive, Suite 1200, Chicago, il 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217540 A2-A3 20020228 (WO 0217540)
Application: WO 2001US26051 20010821 (PCT/WO US0126051)

Priority Application: US 2000226857 20000822; US 2001934257 20010821

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English Fulltext Word Count 12510

Fulltext Availability: Detailed Description Claims

Detailed Description

... or eliminated, many fanners' decision making processes will probably change due to a changed risk **profile**, as the fanner will most likely assume more market and production risk.

Farmers developing cropping...type and amount of crop insurance in the context of the farmer's overall risk **profile**. Agricultural lenders using the present invention can assist farmers with production planning decisions, including determining...PREFERRED EMBODIMENTS

Described below is a preferred method for configuring and deploying a custom farm **management** plan, and in particular, a **system** for developing single-year or multi-year crop selection, acreage allocation and resource **management** strategies for production **agriculture** so as to evaluate traderoffs in farming objectives. These trade-offs include, for example, one of more of the following: **profit** maximization, risk minimization, resource minimization and environmental stewardship. Preferably, the method may comprise one or...to be changed).

In creating a new scenario, first the user defines preferences as to farms, fields and crop programs. Defining farins and fields involves the delineation of discrete production land units on which production planning scenarios are built. Defining crop programs includes forecasting unit crop prices and crop yields to project revenue per acre as well as developing variable production costs by identifying input quantities and unit costs. The user then determines what controllable resources (such as, for example, labor, water, equipment hours, crop storage, etc.) to also include in the analysis.

Next , the user determines their profit goal 20, the name of the scenario



22 and...in crop prices, crop yields and crop production costs. Each scenario has a defined risk **profile** that includes parameters such as its potential profit given a specific set of crop prices...

Claim

... risk and resource use.

- 18 The method according to claim 16 wherein said desired farm management plan is determined from **profit** maximization, risk minimization, resource minimization, and environmental stewardship.
- 19 A farm management system for developing a custom farm management plan for production agriculture for a farm, comprising: a. a first computer, said first computer comprising a first microprocessor,
- a first memory storage, and a first display;
- b. a second **computer**, said second computer comprising a second microprocessor, a second memory storage, and a second display...based on gross income, downside risk, opportunity cost risk and resource use.
- 36 The farm management system according to claim 34 wherein said desired farm management plan is determined from profit maximization, risk minimization, resource minimization, and environmental stewardship.
- 37 A computer program for generating a custom farm management plan for production agriculture for a farmer pertaining to a farm, comprising:
- a. a module for requesting and receiving...

17/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00876074

APPARATUS AND METHODS FOR SELECTING FARMS TO GROW A CROP OF INTEREST DISPOSITIFS ET PROCEDES POUR LA SELECTION D'EXPLOITATIONS APPROPRIEES A UNE CULTURE DONNEE

Patent Applicant/Assignee:

RENESSEN LLC, Suite 300, 3000 Lakeside Drive, Bannockburn, IL 60015, US, US (Residence), US (Nationality)

Inventor(s):

HAY Norman, 2855 Somerset Lane, Orono, MN 55356, US, SCHLACHTENHAUFEN John Jeffrey, 1204 Inverlieth Road, Lake Forest, IL 60045, US,

ULRICH James Francis, 11 East Louis Avenue, Lake Forest, IL 60045, US, BARNETT Bruce H, 671 South Balmoral Court, Lake Forest, IL 60045, US, BARCLAY Robert Andrew, 21038 Woodbury Court, Hawthorn Woods, IL 60047, US

Legal Representative:

FLIGHT James A (agent), Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606, US,

318-Aug-0409:35 AM

Patent and Priority Information (Country, Number, Date):

Patent: WO 200203307 A2 20020110 (WO 0203307)
Application: WO 2001US20294 20010626 (PCT/WO US0120294)

Application: WO 2001US20294 20010626 (PCT/WO US0120294)
Priority Application: US 2000215982 20000705; US 2000626576 20000727

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG'NK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UANG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 14617

Fulltext Availability: Detailed Description Claims

Detailed Description

... for enabling an

agricultural entity such as a specialty product provider to (i) identify preferred farms to contract with to produce crop(s) of interest; (ii) to price their contracts at a level that maximizes profits to the specialty product provider while ensuring adequate -profits to the fann(s) and acceptable pricing to

ensuring adequate -profits to the fann(s) and acceptable pricing to the

consumer; (iii) to reduce and/or minimize **risk** to the specialty product provider; and (iv) to perfonn additional economic **analysis** relating to crop 1 0 production. To achieve these and other ends, the crop planner...

- ...farins, it is assumed that, to get fanns to grow the product of interest, the **farms** must be offered a **price** which gives them at least as much **profit** as other crops they can grow. These competing crops do not 5 have to be...
- ...include any crop that competes for the farmer's land. Further, it is assumed that **profit** to the farmer, not revenue or unit **price**, is the deciding factor for **selecting** between crops from the fanner's perspective. Thus, a model for determining expected farmer profit...grow based on stored information relating to that farm and/or estimated information based on **profiling** (e.g., comparing the demographic **profile** of the farm of interest to a corresponding baseline farm **profile** in a table of farm **profiles**).

Once the competitive profit(s) of the competing crop(s) are determined, the product selector...agricultural entity based upon the preceding factors (a) through

- 16 (e). If a farm under **analysis** is associated with more than one **elevator** and/or loader, the offer developer 60 preferably deterinines the possible offer based upon the **elevator** /loader that will enable that farm to eam the highest **profit**.

The output of the offer developer 60 is preferably a set of possible offers that could be made to **farms** capable of growing the crop of interest.

Such possible offers preferably specify the amount of acreage, the expected yield and the **price** to offer the farmer. Preferably, one possible offer is saved in association with each farm capable of growing

the crop of interest.

Returning to FIG. 2, for the purpose of selecting famis to receive an offer to grow the crop of interest to the agricultural entity...
...transporting the crop of interest from a loader to the predefined location; (x) aggregate economic profiles of elevators associated with the farins in the set of fanus; and; (xi) aggregate economic profiles of loaders associated with the farins in the set of farms.

Preferably, the farin selector 70 includes a farm screener 72, an elevator/loader profiler 74, and an elevator/loader selector 76 as shown in FIG.

- 6. The fann screener...
- ...such as risk factor(s), expected profit(s) and/or expected quantities.
- The elevator/loader profiler 74, develops an aggregate economic 15 profile for each elevator and/or loader associated with a farin in the preferred set of fanns developed by the farin screener 72. The aggregate profile of each of the elevators/loaders is preferably based upon cost and risk factors associated with the fanns associated with the subject elevator/loader. The profiler also relies upon tables covering the elevator/loader's historical performance based upon a variety of relevant factors (e.g., moisture control and split bins). In other words, the aggregate profile of an elevator/loader is developed by combining the cost/risk profile data of those farms serviced by that elevator/loader which are included in the preferred set identified by the 18 fann sercener. For example, the profiler could accumulate information relating to the elevator/loader's: (1) experience in recciving/delivering high...
- ...together with the perfonnance of the associated farms, would be summed by the elevator/loader **profiler**. Each of the summed factors is preferably converted into an average or otherwise nonnalized to perinit comparison of the **profiles** of elevators/loaders servicing different numbers of farms.

The elevator/loader selector 76 selects fanns...

- ...an offer to
 - 1 0 grow the crop of interest based on the aggregate economic **profiles** developed by the elevator/loader **profiler** 74 and the quantity of the crop of interest to be grown. This selection is performed by comparing the aggregate **profiles**, of the elevator/loaders to identify the best elevator(s)/loader(s) from a cost...
- ...a query and input type system.

 In addition to the sales forecast table, farms and elevators /loaders to be included or excluded from consideration can optionally be input at this time...
- ...by the crop planner 1 0 is entered, the fann identifier 40 and the competition $\ensuremath{\text{competition}}$
 - analyzer 50 of the crop planner 10 access the product database 20, the elevator /loader database 22, 24, the product market prices database 26, the transportation market prices database 28, the transportation database 30, and 15 the farm database 32, and use the data retrieved therefrom to respectively identify the fanns capable



of growing the crop of interest and to estimate the **profits** cach such farm can attain for other products (inverted exclamation mark)t might grow (block 200).

The farms capable of growing the product of interest and the "competing"

products for each such farm are determined from what the **elevators** /loaders "servicing" each such farm will purchase. As explained below, other factors are also considered in the farm capability determination.

In order to estimate the **profits** for growing competing products, the crop planner 1 0 must include a model 1 1 0 for calculating the expected **revenue** 21

of the farins. The fann revenue model 1 1 0 preferably accesses the fann database 32 to determine farm specific data such as acreage, crops grown in the past, crop...

...www.farm-assist.com). Any of those models can be used to implement the farm revenue model 1 10.

After the estimated **profits** for the competing products that can possibly be grown by the **farms** are calculated, at block 103 (FIG. 7B) the offer developer 60 determines the **prices** (Le., the product **prices** at the **elevator**) to offer the farmers for growing the product of interest ("own product"). The - 22 offer developer 60 takes into account the level of **profit** for each farmer for competing products, and any premium. to be offered to the farmer to encourage acceptance of the offer. For example, farmers who are lower **risk** may be offered a higher premium.

After the possible offers are calculated, at block 104 the farm selector 70 perforins the combined selection of **farms** and **elevators** /loaders to receive offers. As opposed to block 103, block 104 is performed from the

...a germplasm producer) seeking to contract with farmers. The selection is made to keep the **price** to the buyer 1 0 down while also considering the overall **risk** profile of being able to deliver the product, and the **profit** to be attained by the agronomic entity.

The Farm Identifier, and Competition Analyzer

As mentioned above, the farin identifier 40 and the competition

analyzer 50 cooperate to determine the competition for the farmer's business (e.g., other crops...

...the profit associated with them).

Since some farins can be served by more than one elevator /loader, the competition analyzer 50 iterates through the elevators/ loaders, determining those which are reasonable to consider. For those which pass this test, the prices...makes this determination by accessing data in the farm database 32 indicative of the risk profile of the fann. The result ((inverted exclamation mark) e., the competitive offer (e.g., price... ... crop of interest (block 401). The farms are selected based upon best value (cost, risk profile), limiting selection to elevator capacity or to buyer quantity, whichever is less.



In computing costs...

...were violated, control proceeds to block 403.

1 5 At block 403, the elevator/loader profiler 74 of the fann selector 70 determines the transportation cost from the elevator/loader to the buyer for each elevator/loader under consideration.

The elevator/loader **profiler** 74 next computes the aggregate cost and risk **profile** for each elevator/loader under consideration based upon the selected farms and the transportation costs...

...the farm selector 70
selects the elevator(s)/Ioader(s) with the best cost/risk **profile** and the best farm(s) associated with those elevators/loaders to supply the total buyer...more plots in a single farm may have the same or different environmental or geographic **profiles** and/or may be serviced by the same or different elevator(s)/loader(s).

Although...



Claim

- ... from the crop of interest; and
 a farm selector cooperating with the offer developer to select fan-ns
 from the set of fanns to receive an offer to grow the crop...
- ...wherein. the fan-n selector
 selects fanns based upon at least one of* the estimated profits
 developed by the offer developer, risk estimations associated with the
 farms in the set of farins, profit to be carned by an agricultural
 company, price to be charged consumers, transportation cost for
 transporting the crop of interest from a fan-n to a predefined location;
 transportation cost for transporting the crop of interest from a fann
 to a loader; transportation cost for transporting the crop of
 interest ~41 from a farm to an elevator; transportation cost for
 transporting the crop of interest from an elevator to the predefined
 location; transportation cost for transporting the crop of interest from
 a loader to the predefined location; aggregate economic profiles of
 elevators associated with the farms in the set of fanns; and aggregate
 economic profiles of loaders associated with the fanns in the set of
 farms.
 - 3 An apparatus as...
- ...a local database.
 - 7 An apparatus as defined in claim 5 wherein. the on-line database comprises an on-line exchange.
 - 8 An apparatus as defined in claim 1 wherein the...
- ...loaders that cannot handle the crop of interest; and a farin discriminator cooperating with the **elevator** /loader discriminator for developing the set of **farms** by eliminating **farms** that are

for developing the set of **farms** by eliminating **farms** that are associated with only **elevators** /loaders identified by the **elevator**



/loader discriminator from the 43 set of **farms** and by eliminating **farms** that cannot grow the crop of interest from the set of farins.

- 9 An apparatus as defined in claim 1 wherein the competition analyzer further comprises:
- a **profit** estimator for estimating a **profit** that a fann in the set of **farms** can expect to eam by growing the at least one crop which is different from the

crop of interest; and

- a product selector cooperating with the **profit** estimator to select a inost profitable crop for the fann from the at least one...
- ...crop of interest to be produced by a fann of interest in the set of farms; and
 - a **pricing** engine cooperating with the production estimator to develop a **price** to be offered the fann of interest to grow the quantity of the crop of...
- ...An apparatus as defined in claim 1 0 wherein the offer developer further comprises a **risk** identifier in communication with the 44 database for (inverted exclamation mark)dentifying a risk factor...
- ...1 the fann selector turther comprises:
 - a fann screener in communication with the database for **selecting** a preferred set of fanns from the set of fanns based on atleast one of...
- ...a risk

factor, (ii) an expected profit, and (iii) an expected quantity;
an elevator/loader profiler for developing an aggregate economic
profile for each elevator/loader associated with a flann in the
preferred set of

farmers; ... to receive an offer to

grow the crop of interest based on the aggregate economic **profiles** developed by the elevator/loader **profiler** and the quantity of the crop of interest to be grown.

- 13 An apparatus as defined in claim 1 wherein the competition analyzer estimates the profits to be eamed by fiarms in the set of fianns for growing...
- ...the elevators are based at least in part upon cost and risk associated with the farms associated with the elevators.
 - 17 An apparatus, as defined. in claim. 2 wherein. the aggregate...
- ...the loaders are based at least in part upon cost and risk associated with the farms associated with the loaders.
 - $1\ \mbox{S.}$ A method for selecting $\mbox{ farms }$ to grow a crop of interest comprising the steps of.
 - developing a set of **farms** capable of growing the crop of interest; estimating **profits** to be earned by **farms** in the set of **farms** for growing
 - -at least one crop which is different from the crop of interest;
 46

determining possible offers to be made to the **farms** in the set of

based at least in part upon the estirnated profits to be eamed for



growing the at least one crop which is different from the crop of interest; and selecting fanns from the set of farms to receive an offer to grow the crop of interest:

19 A method as defined...

- ...wherein the step of selecting
 fanns is based upon at least one of. the estimated **profits** developed by
 the offer developer, risk estimations associated with the fanns in the
 set of **farms**, **profit** to be camed by an agricultural company, **price**to be charged consumers, transportation cost for transporting the crop of
 interest from a fann...
- ...transportation cost for transporting the crop of interest from an elevator to the predefined location; transportation cost for transporting the crop of interest from a loader to the predefined location; aggregate economic profiles of elevators associated with the farms in the set of fanns; and aggregate economic profiles of loaders associated with the farms in the set of fanns.
 - 20 A method as...of identif, ving a fisk factor associated with the fann of interest; and adjusting the **price** to be offered the fann of interest to grow the quantity of the erop of...
- ...34 A method as defined in claim 19 wherein the aggregate economic profiles of the **elevators** are based at least in part upon cost and **risk** associated with the fam-is associated with the **elevators**.
 - 35 A method as defined in claim 19 wherein the aggregate economic profiles of the loaders are based at least in part upon cost and risk associated with the fiarms associated with the loaders. 51. A method for estimating future profits for farms in a region of
 - . A method for estimating future **profits** for **farms** in a region of interest for growing a crop of interest, the method comprising the steps of.

identify(inverted exclamation mark)ng **farms** in the region of interest; electronically accessing at least one on-line market to ascertain at least one current market **price** for at least one product different than the crop of

interest;

determining projected, **profits** to cach of the fanns in the region of interest for growing broducts different than the crop of interest based at least

partially on the at least one current market **price**; selecting at least one of the products to be replaced by the crop of interest on at least some of the fanns in the region of interest; detennining **profits** to be earned by the at least some of the **farms** for

growing the crop of interest; and

summing the **profits** to be eamed by the fan-ns in the region of interest for growing the crop of interest.

- 37 An apparatus for detennining a **price** to offer a fanner to grow a crop of interest coniprising:
- a database containing current market **price** data for crops which are different from the crop of interest;
- a profit estimator in...



- ...from the crop of interest;
 - 52 a product selector cooperating with the profit estimator to select a crop from the attempt one of the crops which are different from the...
- ...the crop of interest to be produced by a farmer on acreage associated with the **selected** crop; and developing a price to be offered the farmer of iriterest to grow the...
- ...part on the profit that 53 the farmer can expect to eam by growing the selected crop which is different than the crop of interest.
 - 39 A method as defined in claim 38 wherein the step of developing a **price** further comprises the steps ofi identifying a **risk** factor associated with the fanner of interest; and adjusting the **price** to be offered the farmer of interest to grow the quantity of the crop of interest based at least in part upon the **risk** factor.
 - 40 A method for developi-ng economic information relating to activities of farras comprising the steps of identifying farms capable of growing a crop of interest; electronically accessing at least one on-line market to ascertain at least one current market, price for at least one product different than a crop of interest;
 - determining projected **profits** to the identified fanns for growing at least one product different than the crop of interest based at least partially
 - upon the at least one current market price;
 - selecting at least one of the products to be replaced by the crop of interest on...
- ...at least one of the products will have on at least one of. (a) a transportation 54 market; (b) a commodity market; (c) demand for storage space; (d) land usage; (e...

-11

Inventor: COLVIN S L; MAHONEY B J; SHARMA M; SHARMA M K Number of Countries: 034 Number of Patents: 004 Patent Family: Patent No Kind Date Applicat No Kind Date US 20040024603 A1 20040205 US 2002208964 Α 20020731 200417 CA 2433847 20040131 A1 CÄ 2433847 20030626 200417 À EP 1388831 A1 20040211 EP 2003102039 Α 20030708 AU 2003227345 A1 20040219 AU 2003227345 Α 20030731 200445 Priority Applications (No Type Date): US 2002208964 A 20020731 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes US 20040024603 A1 10 G10L-021/00 A1 E G086-007 CA 2433847 EP 1388831 G08G-001/123 Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR AU 2003227345 A1 G06F-017/30 22/3/4 (Item 4 from file: 350) DIALOG(R)File 350:Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. 015896932 **Image available** WPI Acc No: 2004-054771/200406 XRPX Acc No: N04-044327 System for automated and optimized determination of wind farm electrical energy yield has processing unit with modules for reading and plausibility checking data sets and determining parameters Patent Assignee: ABB RES LTD (ALLM) Inventor: GRAMBERG O; MACZEY S; MERTE R; SHEN J Number of Countries: 001 Number of Patents: 001 Patent Family: Patent No Kind Date Applicat No Kind Week DE 10222297 A1 20031204 DE 1022297 Α 20020518 200406 B Priority Applications (No Type Date): DE 1022297 A 20020518 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes DE 10222297 A18 G06F-017/30 22/3/5 (Item 5 from file: 350) DIALOG(R) File 350: Derwent WPIX... (c) 2004 Thomson Derwent. All rts. reserv. 015860288 **Image available** WPI Acc No: 2004-018118/200402 XRPX Acc No: N04-014113 Farmland ledger/inventory system has master document provided with code and point for managing separate cultivation element along with housing code with respect to specific farmland Patent Assignee: CHIBAGIN COMPUTER SERVICE KK (CHIB-N) Number of Countries: 001 Number of Patents: 001 Patent Family: Patent No Kind Date Applicat No Kind Week JP 2003345946 A 20031205 JP 2002153752 20020528 200402 B

Priority Applications (No Type Date): JP 2002153752 A 20020528 Patent Details: Filing Notes Patent No Kind Lan Pg Main IPC JP 2003345946 A 13 G06F-017/60 22/3/6 (Item 6 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. **Image available** 015652623 WPI Acc No: 2003-714806/200368 Related WPI Acc No: 200\$-714805; 2003-769762; 2003-852280; 2004-121616; 2004-339111 XRPX Acc No: N03-57 № 43 Crop tracing method used in farm involves storing information e.g. planting information, growing information, harvesting information in database, then arranging stored information to produce data profile to be included in storage identifier Patent Assignee: DEERE & CO (DEEC); BECK A D (BECK-I); FAIVRE S M (FAIV-I); LARSCHEID G (LARS-I); NELSON F W (NELS-I); PICKETT T D (PICK-I) ; SOMMER M S (SOMM-I); WAGNER T K (WAGN-I) Inventor: BECK A D; FAIVRE S M; LARSCHEID G; NELSON F W; PICKETT T D; SOMMER M S; WAGNER T K Number of Countries: 033 Number of Patents: 004 Patent Family: Week Patent No Kind Date Applicat No Kind Date 20030924 EP 2003100711 20030319 200368 B EP 1346623 A1 Α US 20030182260 A1 20030925 US 2002366181 P 20020320 200370 US 2002327278 Α 20021220 . A1 20030920 CA 2422946 20030320 200372 CA 2422946 Α 20040210 US 2002366181 Ρ 20020320 200414 US 6691135 B2 US 2002327278 20021220 Α Priority Applications (No Type Date): US 2002327278 A 20021220; US 2002366181 P 20020320 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes A1 E 51 A01B-079/00 EP 1346623 Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR Provisional application US 2002366181 US 20030182260 A1 G06F-007/00 CA 2422946 Al E G06F-017/60 US 6691135 GQ6F-017/30 Provisional application US 2002366181 (Item 7 from file: 350) 22/3/7 DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. **Image available** 015652622 WPI Acc No: 2003-714805 200368 Related WPI Acc No: 2003-714806; 2003-769762; 2003-852280; 2004-121616; 2004-339111 XRPX Acc No: N03-571742 Crop tracing method, used in farm , involves recording storage identifier electronically in volumes and associating data profile with storage identifier for holding segregated crop

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Patent Assignee: DEERE & CO (DEEC ); BECK A D (BECK-I); FAIVRE S M
  (FAIV-I); LARSCHEID G (LARS-I); NELSON F W (NELS-I); PICKETT T D (PICK-I)
  ; SOMMER M S (SOMM-I); WAGNER T K (WAGN-I); FALVRE S M (FALV-I)
Inventor: BECK A D; NELSON F W; PICKETT T D; WAGNER T K; FAIVRE S M;
 LARSCHEID G; SOMMER M S; FALVRE S M .
Number of Countries: 101 Number of Patents: 009
Patent Family:
                                                          Week
Patent No .
                    Date
                            Applicat No
                                           Kind
                                                 Date
             Kind
                                                         200368 B
              A1 20030924 EP 2003100709
                                               20030319
                                           Ą
EP 1346622
US 20030182259 A1 20030925 US 2002366181
                                                20020320 200370
                                            Ρ
                                               20021220 .
                            US 2002327277
                                           Α
                                               20030320
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                            CA 2423221
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              Α1
CA 2423221
              A1 2003 1002
                            WO 2003US8437
                                               20030320 200375
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WO 200381480
                                                         200375
                  20031002
                            WO 2003US8648
                                           Α
                                               20030320
WO 200381482
              Α1
                                               20020320
                                                         200402
                  20031230
                            US 2002366181
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US 6671698
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                                               20021220
                            US 2002327277
                                           Α
                                                20020320 200430
US 20040088330 A1 20040506 US 2002366181
                                           P
                                               20021220
                            US 2002327277
                                           Α
                                               20031017
                            US 2003688553
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                                               20030320
                                                         200432
AU 2003230703 A1
                  20031008
                            AU 2003230703
                                           Α
                                                         200432
                  20031008 AU 2003230684
                                           Α
                                               20030320
AU 2003230684 A1
Priority Applications (No Type Date): US 2002327277 A 20021220; US
  2002366181 P 20020320; US 2003688553 A 20031017
Patent Details:
                       ٠.
Patent No Kind Lan Pg
                      Main IPC
                                    Filing Notes
            A1 E 52 A01B-079/00
EP 1346622
   Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
   GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR
                                    Provisional application US 2002366181
US 20030182259 A1
                       G06F-007/00
                      G06F-017/60
CA 2423221
             A1 E
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
   OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
   ZA ZM ZW
   Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
   GR HU IE IT LU MC NL PT RO SE SI SK TR
WO 200381482 A1 E
                      G06F-017/30
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
   ZA ZM ZW
   Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
   GR HU IE IT LU MC NL PT RO SE SI SK TR
                      G06F-017/30
                                    Provisional application US 2002366181
US 6671698
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                                     Provisional application US 2002366181
US 20040088330 A1
                      G06F-007/00
                                    Cont of application US 2002327277
                                    Cont of patent US 6671698
                      G06F-017/30
                                    Based on patent WO 200381482
AU 2003230703 A1
                      G06F-017/30
                                    Based on patent WO 200381480
AU 2003230684 A1
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22/3/8 (Item 8 from file: 350)
DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

Image available 015430776 WPI Acc No: 2003-492918/200346

XRPX Acc No: N03-391606

Standardized data value benchmarking method for agricultural industries, involves generating report displaying registered producer operation data values satisfying benchmark query in relation to preselected producer operations

Patent Assignee: DOTSON E W (DOTS-I); UTHE D J (UTHE-I); ENVIRONMENTAL MANAGEMENT SOLUTIONS LLC (ENVI-N)

Inventor: DOTSON E W; UTHE D J

Number of Countries: 100 Number of Patents: 003

V

Patent Family:

Week Patent No Kind Date Applicat No Kind Date 200346 B US 20030078926 Al 20030424 US 2001682849 20011024 Α 20021023 200346 WO 200336518 A1 20030501 WO 2002US33817 A 20011024 200433 B2 20040518 US 2001682849 US 6738774 Α

Priority Applications (No Type Date): US 2001682849 A 20011024 Patent Details:

Filing Notes Patent No Kind Lan Pg Main IPC

34 G06F-007/00 US 20030078926 A1

WO 200336518 A1 E G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW **≨**06F-017/30 US 6738774 B2

22/3/9 (Item 9 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015109996 **Image available** WPI Acc No: 2003-170515/200317 XRPX Acc No: N03-134792

Product information retrieval system e.g. for agricultural product, has information management device with database for storing production

information and identifier of product for retrieval by user

Patent Assignee: OOSAKA MARUSOKU SEIKA KK (OOSA-N) Number of Countries: 001 Number of Patents: 001 Patent Family:

Patent No Kind Date Applicat No Kind Date JP 2002297625 A 20021011 JP 2002146650 Α 20020521 200317

Priority Applications (No Type Date): JP 2002119454 A 20020422 Patent Details: Filing Notes

Patent No Kind Lan Pg Main IPC JP 2002297625 A 13 G06F-017/30

(Item 10 from file: 350). 22/3/10 DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv.

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**Image available**
015026494
WPI Acc No: 2003-087011/200308
XRPX Acc No: N03-069271
 Agricultural products production support system includes agricultural
 work design output unit which outputs agricultural word design analyzed
 by analyzing unit
Patent Assignee: KATAKURA CHIKKARIN KK (KATA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:
                                            Kind
                                                    Date
                                                             Week
                             Applicat No
Patent No
                     Date
              Kind
JP 2002345331 A . 20021203 JP 2001159419
                                             Α
                                                 20010528
                                                            200308
Priority Applications (No Type Date): JP 2001159419 A 20010528
Patent Details:
                                     Filing Notes
Patent No Kind Lan Pg
                         Main IPC
JP 2002345331 A
                    12 A01G-001/00
 22/3/11
             (Item 11 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
             **Image available**
014985843
WPI Acc No: 2003-046358/200304
XRPX Acc No: N03-036540
  Cultivated crop recommending system e.g. vegetable, fruit, provides
  crop information to user, based on received information on cultivation
  area and season
Patent Assignee: HONDA GIKEN KOGYO KK (HOND ); HONDA MOTOR CO LTD (HOND )
  ; KUJI H (KUJI-I)
Inventor: HIDEKI K; KUJI H
Number of Countries: -028
                          Number of Patents: 010
Patent Family:
                             Applicat No
Patent No
              Kind
                     Date
                                             Kind
                                                    Date
                                                             Week
                                                   20020225
US 20020133505 A1
                    20020919
                              US 200281151
                                              Α
                   20020920
                             JP 200172723
                                                  20010314
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JP 2002269173 A
                                             Α
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JP 2002278968
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                             JP 200181241
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JP 2002279252
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                   20021004
                             JP 200185896
                                                 20010323
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JP 2002288363
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JP 2002288563 A
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                                             Α
WO 200273484
               A2
                   20020919
                             WO 2002JP1703
                                             Α
                                                 20020226
                                                            200304
                                                  20020226
                                                            200413
EP 1389326
               A1
                   20040218
                             EP 2002700776
                                             Α
                                                  20020226
                             WO 2002JP1703
                                             Α
BR 200208482 A
                   20040309
                             BR 20028482
                                             Α
                                                  20020226
                                                            200420
                             WO 2002JP1703
                                             Α
                                                  20020226
CN 1493050
                   20040428
                             CN 2002805456
                                             Α
                                                  20020226
                                                            200446
Priority Applications (No Type Date): JP 200189524 A 20010327; JP 200172723
  A 20010314; JP 200181241 A 20010321; JP 200181242 A 20010321; JP
  200185896 A 20010323
Patent Details:
Patent No Kind Lan Pp/ Main IPC
                                     Filing Notes
                   \ 28 G06F-007/00
US 20020133505 A1
                     6 G06F-017/60
JP 2002269173 A
                     8 G06F-017/30
JP 2002278968 A
JP 2002279252 A
                     7 G06F-017/60
JP 2002288363 A
                     4 G06F-017/60
JP 2002288563 A
                     7 G06F-017/60
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Search Report from Ginger R. DeMille 014896098 **Image available** . WPI Acc No: 2002-716804/200278 XRPX Acc No: N02-565554 Product transaction method involves providing table to search fare corresponding to input transportation and display unit to display searched fare for unit price of agricultural products Patent Assignee: NIPPON PROJECT SYSTEM KK (NIPR-N) Number of Countries: 001 Number of Patents: 001 Patent Family: Kind Applicat No Date Patent No Kind Date 20020913 JP 200152926 200278 B 20010227 JP 2002259492 A Α Priority Applications (No Type Date): JP 200152926 A 20010227 Patent Details: Patent No Kind Lan Pg Filing Notes Main IPC 18 G06F-017/60 JP 2002259492 A 22/3/15 (Item 15 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. 014792767 ***Image available** WPI Acc No: 2002-613473/200266 XRPX Acc No: N02-485989 Internet-based agricultural business support system executes decision support software which analyzes collected measurement data, to provide suitable suggestions to customer Patent Assignee: MITSUI BUSSAN KK (MITA) Number of Countries: 001 Number of Patents: 001 Patent Family: Week Patent No Kind Daţe Applicat No Kind Date .2002**0**802 JP 20016054 20010115 200266 B Α JP 2002215717 A Priority Applications (No Type Date): JP 20016054 A 20010115 Patent Details: Patent No Kind Lan Pg Filing Notes Main IPC JP 2002215717 A 9 G06F-017/60 22/3/16 (Item 16 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. **Image available** 014783267 WPI Acc No: 2002-603973/200265 XRPX Acc No: N02-479022 Agriculture and horticulture variety information provision method for cultivating crops , involves displaying agriculture and horticulture items on user computer when cultivation ground information is input by user Patent Assignee: DAINIRPON PRINTING CO LTD (NIPQ); TAKII SHUBYO KK

818-Aug-0409:39 AM

Applicat No

Kind

Α

Date

Week

20011026 200265 B

Number of Countries \$ 001 Number of Patents: 001

Date

JP 2002203002 A 20020719 JP 2001329343

(TAKI-N); TS SHOJI-KK (TSSH-N)

Kind

Patent Family: Patent No

Α

20001204

200214

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GB 200029560
GB 2365165
              Α
                  20020213
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                            GB 200029560
                                            Α
                  20030129
GB 2365165
              В
              C2 20031023 DE 1039200
                                                 20000810 200370
                                             Α
DE 10039200
Priority Applications (No Type Date): KR 9923445 A 19990622
Patent Details:
Patent No Kind Lan Pg
                        Main IPC
                                     Filing Notes
                    1 G06F-019/00
KR 2001006788 A
                      G06F-017/60
DE 10039200
             Α1
                    24 G06F-017/60
JP 2001265982 A
                      G06F-017/40
CN 1313566
             Α
                       G06F-017/60
GB 2365165
             Α
                      $06F-017/60
GB 2365165
              В
                     NG06F-017/60
DE 10039200
             C2
 22/3/21
             (Item 21 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
            **Image available**
013924515
WPI Acc No: 2001-408728/200143
XRPX Acc No: N01-302460
 Delivering of agriculture-related information to agricultural producers
 via global computer network by providing producers assigned to one of
  categories with network access to data subsets of respective category
Patent Assignee: CARGILL INC (CRGI )
Inventor: DICK E O; MEYER D D; MOORE D E
Number of Countries: 094 Number of Patents: 002
Patent Family:
                    Date
                             Applicat No
                                            Kind
                                                   Date
                                                            Week
Patent No
              Kind
              A2 20019628 WO 2000US42708 A
                                                           200143 B
                                                 20001208
WO 200146871
                  20010703 AU 200145216
                                                 20001208
                                                           200164
AU 200145216
                                             Α
               Α
                   W
Priority Applications (No Type Date): US 99457192 A 19991208
Patent Details:
Patent No Kind Lan Pg Main IPC
                                     Filing Notes
WO 200146871 A2 E 32 G06F-017/30
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
AU 200145216 A
                  G06F-017/30 Based on patent WO 200146871
 22/3/22
             (Item 22 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
013901704
            **Image available**
WPI Acc No: 2001-385917 200141
XRPX Acc No: N01-283500
  Internet based selling system for agricultural products, receives user
  response relevant to indicated price data in sample diagram display
  screen based on which final price is decided
Patent Assignee: ITO K (ITOK-I); OMATSU S (OMAT-I)
```

1118-Aug-0409:39 AM

Number of Countries: 001 Number of Patents: 001

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Patent Family:
                             Applicat No
                                             Kind
                                                    Date
Patent No
              Kind
                     Date
                                                            200141 B
                                                  19991022
                             JP 99300705
                                              Α
JP 2001117999 A
                   20010427
Priority Applications (No Type Date): JP 99300705 A 19991022
Patent Details:
                                      Filing Notes
Patent No Kind Lan Pq
                         Main IPC
JP 2001117999 A
                     8 G06F-017/60
 22/3/23
             (Item 23 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
             **Image available**
013890098
WPI Acc No: 2001-374311/200139
XRPX Acc No: N01-273885
 Wide area performance assessing method for crop varieties involves
 estimating long term expected performance of crop variety for each
  spatial locations using estimated parameters
Patent Assignee: DEKALB GENETICS CORP (DEKA-N)
Inventor: MOHANTY R G; STARK S B; VER HOEF J M; VERHOEF J M
Number of Countries: 095 Number of Patents: 008
Patent Family:
                                                              Week
                                                    Date
Patent.No
             .Kind . Date .
                              Applicat No
                                             Kind
                                                  20001014
                                                            200139
WO 200129582
               A1
                   20010426
                             WO 2000US28494
                                             Α
                                                  20001014
                                                            200148
                   20010430
                             AU 200110869
                                              Α
AU 200110869
               Α
                                                            200262
EP 1232402
                   20020821
                             EP 2000972171
                                                  20001014
               A1
                              WO 2000US28494
                                                  20001014
BR 200014728
               Α
                   20021231
                             BR 200014728
                                              Α
                                                  20001014
                                                            200309
                                                  20001014
                              WO 2000US28494
                                              Α
                   20030108
                                                             200334
                             CN 2000815689
                                              А
                                                  20001014
CN 1390307
               Α
                             ZA 20022824
                                                             200368
                   ·2003/0923
                                              Α
                                                  20020410
               Α
ZA 200202824
                   20020901
                             WO 2000US28494
                                              Α
                                                  20001014
                                                            200370
MX 2002003755
               A1
                                              Α
                                                  20020412
                              MX 20023755
                   20031209
                             US 99159802
                                              Ρ
                                                  19991015
                                                            200381
US 6662185
               В1
                              US 2000687772
                                              Α
                                                  20001014
Priority Applications (No Type Date): US 99159802 P 19991015; US 2000687772
  A 20001014
Patent Details:
Patent No Kind Lan Pg
                                      Filing Notes
                         Main IPC
WO 200129582 A1 E 87 G01V-003/00
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
 . CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
   KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
   RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
                                      Based on patent WO 200129582
                       G01V-003/00
AU 200110869 A
                                      Based on patent WO 200129582
EP 1232402
              A1 E
                       G01V-003/00
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NI PT RO SE SI
200014728 A G01V-003/00
BR 200014728 A
                                      Based on patent WO 200129582
CN 1390307
              Α
                       G01V-003/00
ZA 200202824
                   127 G01V-000/00
             Α
                                      Based on patent WO 200129582
                       G01V-003/00
MX 2002003755 A1
                       G06F-017/30
                                      Provisional application US 99159802
              В1
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US 6662185

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(Item 24 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
             **Image available **
013815367
WPI Acc No: 2001-299579/200131
Related WPI Acc No: 2001-031771; 2001-451245; 2001-496765
XRPX Acc No: N01-214888
   Farm system failure handling method in application server, involves
  selecting farm system that can complete identified job server and
  assigning identified job to selected farm system
Patent Assignee: IMAGEX COM INC (IMAG-N); KRUM B (KRUM-I)
Inventor: KRUM B
Number of Countries: 086 Number of Patents: 007
Patent Family:
Patent No
              Kind
                      Date
                              Applicat No
                                                     Date
                                                               Week
                                                   20000501
                                                              200131
WO 200067157
               A2
                   20001109
                              WO 2000US11791 A
                                                              200131
                    20001117
                              AU 200049793
                                               Α
                                                   20000501
AU 200049793
               Α
                              US 99131716
US 6502148
                                               Ρ
                                                   19990430
                                                              200305
               В1
                   20021231
                              US 99152521
                                                   19990903
                              US 2000480318
                                                   20000110
                                               Α
                              US 99131716
                                                              200325
US 6539445
               В1
                    20030325
                                               Ρ
                                                   19990430
                              US 99152521
                                               Ρ
                                                   19990903
                              US 2000481101
                                                   20000110
                                               A
                    20030909
                              US 2000480816
US 6618742
                                               Α
                                                   20000110
                                                              200361
               В1
                              US 99131716
                                               Ρ
                                                   19990430
                                                              200361
US 6618820
               В1
                    20030909
                              US 2000480838
                                               Α
                                                   20000110
US 20030200251 A1
                     20031023
                              US 2000480834
                                               Α
                                                    20000110 200370
                              US 2003421474
                                                   20030423
Priority Applications (No Type Date): US 2000481101 A 20000110; US 99131716
  P 19990430; US 99152521 P 19990903; US 2000480319 A 20000110; US
  2000480816 A 20000110; US 2000480818 A 20000110; US 2000480834 A 20000110; US 2000480838 A 20000110; US 2000480847 A 20000110; US 2000480318 A
  20000110; US 2003421474 A 20030423
Patent Details:
Patent No Kind Lan Pg
                          Main IPC
                                       Filing Notes
WO 200067157 A2 E 52 G06F-017/30
   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN .
   CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
   LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL
   TJ TM TR TT UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LŞ LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
                        G06F-017/30
                                       Based on patent WO 200067157
AU 200049793 A
                                       Provisional application US 99131716
US 6502148
              В1
                        G06F-013/00
                                       Provisional application US 99152521
                                       Provisional application US 99131716
US 6539445
                        G06F-013/00
                                       Provisional application US 99152521
US 6618742
                        G06F-009/00
              В1
US 6618820
              B1
                        G06F-011/00
                                       Provisional application US 99131716
                                      Div ex application US 2000480834
US 20030200251 A1
                         G06F-009/00
              (Item 25 from file: 350)
 22/3/25
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DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013662337 **Image available**
WPI Acc No: 2001-146549/200115

XRPX Acc No: N01-107255

Interactive marketing system for pharmaceutical and agricultural science industries, records respondent's response for one question during survey and then transmits marketing message to the respondent

Patent Assignee: SCIMARC LLC (SCIM-N)

Inventor: JETER J T

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No Kind Date Applicat No Kind Date Week WO 200057976 Al 20001005 WO 2000US8351 A 20000330 200115 E AU 200040451 A 20000330 200115

Priority Applications (No Type Date): US 99281422 A 19990330

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200057976 A1 E 50 A63F-013/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200040451 A A63F-013/00 Based on patent WO 200057976

22/3/26 (Item 26 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

013337488 **Image available**
WPI Acc No: 2000-509427/200046

XRPX Acc No: N00-377045

Satellite image processing system for agricultural management system, performs time dependent synthesis of images, based on which area satisfying preset criteria is extracted

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 2000194833 A 20000714 JP 98372809 A 19981228 200046 B

Priority Applications (No Type Date): JP 98372809 A 19981228

Patent Details:

Patent No. Kind Lan Pg Main IPC Filing Notes

JP 2000194833 A 15 G06T-001/00

22/3/27 (Item 27 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

012914603

WPI Acc No: 2000-086439/200007

Related WPI Acc No: 2000-039120; 2000-053133; 2000-072331; 2000-126373

XRAM Acc No: C00-024048 XRPX Acc No: N00-067842

Identifying compounds which modulate activity of target biomolecules,

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used to provide compounds which can be used as pharmacological,
  agricultural and industrial compounds
Patent Assignee: ISIS PHARM INC (ISIS-N); CROOKE S T (CROO-I); ECKER D J
  (ECKE-I); GRIFFEY R (GRIF-I); HOFSTADLER S (HOFS-I); MOHAN V (MOHA-I);
 SAMPATH R (SAMP-I); SWAYZE E (SWAY-I)
Inventor: CROOKE S T; ECKER D J; GRIFFEY R; HOFSTADLER S; MCNEIL J; MOHAN V
  ; SAMPATH R; SWAYZE E
Number of Countries: 087 Number of Patents: 006
Patent Family:
              Kind
                     Date
                              Applicat No
                                             Kind
                                                    Date
Patent No
                                                             200007
                                                  19990512
WO 9958947
               A2
                   19991118
                             WO 99US10361
                                              Α
                                                   19990512
                                                             200018
AU 9940748
               Α
                   19991129
                             AU 9940748
                                              Α
                  20010321
                                                             200117
                                                   19990512
EP 1083980
               A2
                              EP 99924185
                                              Α
                                                   19990512
                              WO 99US10361
                                              Α
                                                   19990512
                                                             200231
                   20020314
                              AU 9940748
                                              Α
AU 745161
               В
               A1 20030123 US 9876404
                                                    19980512 200310
                                               Α
US 20030017483
                              US 2002104949
                                                   20020322
                                              Α
                   20030708
                              WO 99US10361
                                              Α
                                                   19990512
JP 2003520940 W
                              JP 2000548700
                                                   19990512
                                              Α
Priority Applications (No Type Date): US 9885092 P 19980512; US 9876404 A
  19980512; US 2002104949 A 20020322
Patent Details:
                                      Filing Notes
Patent No Kind Lan Pg
                         Main IPC
             A2 E 404 G01N-000/00
WO 9958947
   Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN
   CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
   LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
   SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
   IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
                                      Based on patent WO 9958947
                        G01N-000/00
AU 9940748
              Α
   1083980 A2 E B01D-059/44 Based on patent WO 9958947
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
EP 1083980
   LU MC NL PT SE
                                      Previous Publ. patent AU 9940748
                        B01D-059/44
AU 745161
              В
                                      Based on patent WO 9958947
                                       Cont of application US 9876404
US 20030017483 A1
                         C12Q-001/68
                                      Based on patent WO 9958947
JP 2003520940 W
                   526 G01N-031/00
 22/3/28
             (Item 28 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
 **Image available**
012178777
WPI Acc No: 1998-595688/199851
XRPX Acc No: N98-463495
  Optimum harvest time prediction method for standing crops - has central
  database storing field specific crop information and weather data,
  accessed by farmer using voice information system over telephone
Patent Assignee: CARGILL INC (CRGI )
Inventor: ALLEN M S: BECK J; BEVERLY R W
Number of Countries: 001 Number of Patents: 001
Patent Family:
                                                              Week
                     Date
                              Applicat No
                                             Kind
                                                     Date
Patent No
              Kind
                                                   19970206
                                                             199851 B
                   19980806 CA 2196940
                                              Α
CA 2196940
               Α
Priority Applications (No Type Date): CA 2196940 A 19970206
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Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

CA 2196940 A 82 G06F-019/00

22/3/29 (Item 29 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

011523363 **Image available**
WPI Acc No: 1997-499849/199746

XRPX Acc No: N97-416543

Plan production system for farm areas, residential site - establishes attribute information corresponding to areas enclosed by outline map and preserves those information

Patent Assignee: NIPPON SOFTWARE PROD KK (NISO-N) Number of Countries: 001 Number of Patents: 002

Patent Family:

Applicat No Patent No Kind Date Kind Date 19970909 JP 9643097 19960229 199746 B JP 9237040 Α. Α B2 20010326 JP 9643097 JP 3150604 19960229 200126 Α

Priority Applications (No Type Date): JP 9643097 A 19960229

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 9237040 A 5 G09B-029/10

JP 3150604 B2 5 G09B-029/00 Previous Publ. patent JP 9237040

22/3/30 (Item 1 from file: 344)

DIALOG(R) File 344: Chinese Patents Abs

(c) 2004 European Patent Office. All rts. reserv.

4311900

AGRICULTURAL ECOLOGICAL MULTI-DIMENSIONAL DATA MANAGEMENT TECHNIQUE

Patent Assignee: NANJING INST OF SOIL CHINESE A (CN)

Author (Inventor): JIANPING SHI (CN)

Patent Family:

CC Number Kind Date

CN 1341901 A 20020327 (Basic)

Application Data:

CC Number Kind Date *CN 2001108005 A 20010104

22/3/31 (Item 1 from file: 347)

DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07941620

AGRICULTURAL PRODUCTS INFORMATION DISCLOSURE SYSTEM

PUB. NO.: 2004-051379 [JP 2004054379 A] PUBLISHED: February 19, 2004 (20040219)

INVENTOR(s): NOGUCHI KATSUNORI

TAKANO KOICHI

APPLICANT(s): KATAKURA CHIKKARIN CO LTD APPL. NO.: 2002-207926 [JP 2002207926]

FILED: July 17, 2002 (20020717)

(Item 2 from file: 347) 22/3/32

DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07851306 **Image available**

FARMLAND LEDGER SYSTEM AND PROGRAM THEREFOR

PUB. NO.:

2003-345946 [JP 2003345946 A] December 05, 2003 (20031205)

PUBLISHED:

INVENTOR(s):

YAGUCHI ITARU MABUCHI NAOHIDE TOMIZAWA MASAHIRO INABA KENJI

APPL. NO.:

APPLICANT(s): CHIBAGIN COMPUTER SERVICE KK 2002-153752 [JP 2002153752]

FILED:

May 28, 2002 (20020528)

22/3/33 (Item 3 from file: 347)

DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07476813

FIELD CROP PRODUCTION SUPPORT SYSTEM

PUB. NO.:

2002-345331 [JP 2002345331 A]

PUBLISHED:

December 03, 2002 (20021203)

INVENTOR(s):

KISHI HIDEYUKI

NOGUCHI KATSUNORI

TAKANO KOĮCHI

APPLICANT(s): KATAKURA CHIKKARIN CO LTD 2001-159419 [JP 2001159419]

APPL. NO.: FILED:

May 28, 2001 (20010528)

22/3/34 (Item 4 from file: 347)

DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07429115 **Image available**

MARINE, AND STOCK FARM PRODUCTS INFORMATION RETRIEVAL SYSTEM, FARM MARINE, AND STOCK PRODUCTS, FARM , MARINE, AND STOCK FARM

PRODUCTS PRODUCING METHOD, AND FARM , MARINE, AND STOCK FARM PRODUCTS

INFORMATION PROVIDING METHOD

2002-297625 [JP 2002297625 PUB. NO.:

PUBLISHED: October 11, 2002 (20021011)

INVENTOR(s): WANAKA NOBUYUKI

APPLICANT(s): OSAKA MARUSOKU SEIKA KK

2002-146650 [JP 2002146650] APPL. NO.:

FILED:

PRIORITY:

May 21, 2002 (20020521) 2002-119454 [JP 2002119454], JP (Japan), April 22, 2002

(20020422)

(Item 5 from file: 347) 22/3/35

DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07410459 **Image available**
CROP CULTIVATION SUPPORT SYSTEM

PUB. NO.: 2002-278968 [JP 2002278968 A] PUBLISHED: September 27, 2002 (20020927)

INVENTOR(s): KUJI HIDEKI

APPLICANT(s): HONDA MOTOR CO LTD

APPL. NO.: 2001-081242 [JP 200181242] FILED: March 21, 2001 (20010321)

22/3/36 (Item 6-From file: 347)
DIALOG(R) File 347: JAPIO

(c) 2004 JPO & JAPIO. All rts. reserv.

07400671 **Image available**
SYSTEM FOR RECOMMENDING CROPS SUITABLE FOR CULTIVATION

PUB. NO.: 2002-269173 [JP 2002269173 A] PUBLISHED: September 20, 2002 (20020920)

INVENTOR(s): KUJI HIDEKI

APPLICANT(s): HONDA MOTOR CO LTD

APPL. NO.: 2001-072723 [JP 200172723] FILED: March 14, 2001 (20010314)

22/3/37 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

01662008

METHOD AND SYSTEM FOR TRACING THE IDENTITY OF AN AGRICULTURAL PRODUCT USING DATA HANDOFF

PROCEDE ET SYSTEME DE TRACAGE DE L'IDENTITE D'UN PRODUIT AGRICOLE FAISANT APPEL A UN TRANSFERT DE DONNEES

PATENT ASSIGNEE:

DEERE & COMPANY, (415954), One John Deere Place, Moline, Illinois 61265-8098, (US), (Applicant designated States: all)

INVENTOR:

BECK, Andy, D., 3107 78th St., Urbandale, IA 50322, (US)
PICKETT, Terence, D., 3115 Cottonwood Dr., Waukee, IA 50263, (US)
NELSON, Frederick, W., 1935 Olson Dr., Waukee, IA 50263, (US)
WAGNER, Thomas, K., 3002 SW Coves Dr., Ankeny, IA 50021, (US)
PATENT (CC, No, Kind, Date):

WO 2003081482 031002

APPLICATION (CC, No, Date): EP 2003723793 030320; WO 2003US8648 030320

PRIORITY (CC, No, Date): US 366181 P 020320; US 327277 021220

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IT; LI; LU; MC; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT_CLASS: G06F-017/30

LANGUAGE (Publication, Procedural, Application): English; English;

22/3/38 (Item 2 from file: 348)
DIALOG(R) File 348: EUROPEAN PATENTS
(c) 2004 European Patent Office. All rts. reserv.

Publication Language: English Filing Language: English Fulltext Word Count: 14332 (Item 2 from file: 349) . . 22/3/42 DIALOG(R) File 349:PCT FULLTEXT (c) 2004 WIPO/Univentio. All rts. reserv. **Image available** METHOD AND SYSTEM FOR TRACING THE IDENTITY OF AN AGRICULTURAL PRODUCT PROCEDE ET SYSTEME DE DETERMINATION D'IDENTITE D'UN PRODUIT AGRICOLE Patent Applicant/Assignee: DEERE & COMPANY, One Doere Place, Moline, IL 61265, US, US (Residence), US W Nationality) Inventor(s): BECK Andy D, 3107 78th St., Urbandale, IA 50322, US, PICKETT Terence D, 3115 Cottonwood Dr., Waukee, IA 50263, US, NELSON Frederick W, 1935 Olson Dr., Waukee, IA 50263, US, WAGNER Thomas K, 3002 SW Coves Dr., Ankeny, IA 50021, US, Legal Representative: BARTHOLOMEW Darin E (agent), Deere & Company, 3rd Floor, Patent Dept., One John Deere Place, Moline, IL 61265, US, Patent and Priority Information (Country, Number, Date): WO 200381480 Al 20031002 (WO 0381480) · · WO 2003US8437 20030320 (PCT/WO US0308437) Application: Priority Application: US 2002366181 20020320; US 2002327277 20021220 Designated States: (Protection type is "patent" unless otherwise stated - for applications prior to 2004) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR (EA) AM AZ BY KG KZ MD RU TJ TM Publication Language: English Filing Language: English Fulltext Word Count: 13565 (Item 3 from file: 349) 22/3/43 DIALOG(R) File 349:PCT FULLTEXT (c) 2004 WIPO/Univentio. All rts. reserv. ٠. . **Image available** 01039542 METHOD AND SYSTEM FOR AGRICULTURAL DATA COLLECTION AND MANAGEMENT PROCEDE ET SYSTEME D'ACQUISITION ET DE GESTION DE DONNEES AGRICOLES Patent Applicant/Inventor: CURKENDALL Leland D, 2223 Thomes Avenue, Cheyenne, WY 82001, US, US (Residence), US (Nationality) PAPE William R, 256 Highway 95, Los Ojos, NM 87551, US, US (Residence), US (Nationality) 1/7
DOLAN Andrew J, 9628 W 70th Place, Arvada, CO 8004, US, US (Residence),

2118-Aug-0409:39 AM

ARMENTROUT Olin Mark, 13185 Bethany, Alpharetta, GA 30201, US, US

MORRISON Matthew J, 5491 Sage Ct., Johnstown, CO 80534, US, US

US (Nationality)

(Residence), US (Nationality)

015437575 **Image available** WPI Acc No: 2003-499717/200347

XRPX Acc No: N03-397547

Farm -machines rental system for e.g. tractor, rents charge for selected farm machines based on rental request received corresponding to stored identification information of each farm machine

Patent Assignee: RICOH KK (RICO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Applicat No Kind Date Patent No Kind Date 200347 B 20030613 JP 2001368816 Α 20011203 JP 2003168057 A

Priority Applications (No Type Date): JP 2001368816 A 20011203 Patent Details: Patent Details: , Patent No Kind Lan Pg Main IPC JP 2003168057 A 13 G06F-017/60 Filing Notes

25/3/12 (Item 12 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015316479 **Image available** WPI Acc No: 2003-377414/200336

XRPX Acc No: N03-301378

Internet based agricultural information distribution system receives information about disease causing insects or weather condition from farms and transmitting to registered users

Patent Assignee: SAKANE COMPUTER SERVICE KK (SAKA-N); SHINDENDEN NETWORK KK (SHIN-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Week Patent No Kind Date Applicat No Kind JP 2003115950 A 20030418 JP 2001310629 Α 20011005 200336 B

Priority Applications (No Type Date): JP 2001310629 A 20011005 Patent Details:

Main IPC Patent No Kind Lan Pg Filing Notes 12 H04M-011/08 JP 2003115950 A

25/3/13 (Item 13 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015314023 **Image available** ' WPI Acc No: 2003-374958/200336

XRPX Acc No: N03-299145

Farm products distributed production system provides producers with plant producing devices, internet facility for exchanging information about production, collects and sells farm products on demand

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 004 Number of Patents: 001

Patent Family:

Kind Date Patent No Week Applicat No Kind JP 2002189775 A 20020705 JP 2000388365 Α 20001221 200336 B

Priority Applications (No Type Date): JP 2000388365 A 20001221 Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes JP 2002189775 A 6 G06F-017/60

25/3/14 (Item 14 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015314022 **Image available**
WPI Acc No: 2003-374957/200336

XRPX Acc No: N03-299144

Farm products distributed production system has control center provides plant producing devices to producers, allows producers to exchange information through internet, and collects and sells excessive farm

products
Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)
Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 2002189774 A 20020705 JP 2000388361 A 20001221 200336 B

Priority Applications (No Type Date): JP 2000388361 A 20001221

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2002189774 A 7 G06F-017/60

25/3/15 (Item 15 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015304820 **Image available**
WPI Acc No: 2003-365754/200335

XRPX Acc No: N03-292078

Farm products consignment sales system sets prize and directly sells farm products of small lot produced in small farm

Patent Assignee: SAITO T (SAIT-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week
JP 2002183245 A 20020628 JP 2000404378 A 20001218 200335 B

Priority Applications (No Type Date): JP 2000404378 A 20001218

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes JP 2002183245 A . 3 G06F-017/60 . . .

25/3/16 (Item 16 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015222043 **Image available**
WPI Acc No: 2003-282955 200328

XRPX Acc No: N03-224874

Online farm management system using internet, stores acquired farm condition information of farm facility in server based on which access request is managed

Patent Assignee: ONGA ENG KK (ONGA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Week Applicat No Kind Date Patent No Kind Date JP 2003018918 A 20030121 JP 2001208439 Α 20010709 200328 B

Priority Applications (No Type Date): JP 2001208439 A 20010709

Patent Details:

Filing Notes Patent No Kind Lan Pg Main IPC

9 A01G-007/00 JP 2003018918 A

(Item 17 from file: 350) 25/3/17

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015215670 **Image available**

WPI Acc No: 2003-276207/200327

XRPX Acc No: N03-219439

Financing method for wind farm , involves transferring ownership rights in energy attributes to charitable organization from contributor who purchases attributes from marketing company

Patent Assignee: BOUCHER T C (BOUC-I); QUINNEY J C (QUIN-I); STODDARD T E

(STOD-I)

Inventor: BOUCHER T C; QUINNEY J C; STODDARD T E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week US 20020194145 A1 20021219 US 2002156392 Α 20020528 200327 B

Priority Applications (No Type Date): US 2002156392 A 20020528

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

-15 G06F-017/60 US 20020194145 A1

(Item 18 from file: 350) 25/3/18

DIALOG(R) File 350: Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015037115 **Image available**

WPI Acc No: 2003-097631/200309

Related WPI Acc No: 2004-209183

XRPX Acc No: N03-077566

Liquid fertilizer based growing of vegetables, fruits, avails interactive input from networked cultivation support center which monitors

periodically parameters of relevance specific to each cultivation farm

Patent Assignee: WATANABE PIPE KK (WATA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week 20010330 200309 B JP 2002297690 A 20021011 JP 2001102258 Α

Priority Applications (No Type Date): JP 2001102258 A 20010330

Patent Details:

Filing Notes Patent No Kind Lan Pg Main IPC

JP 2002297690 A 17 G06F-017/60

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(Item 19 from file: 350)
25/3/19
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
            **Image available**
014851831
WPI Acc No: 2002-672537/200272
XRPX Acc No: N02-531606
   Farm management system, especially for dairy farms, uses computer
  system to regulate amount of feed offered to animal inside milking shed
Patent Assignee: NEDAP NED APPARATENFAB NV (NEDA )
Inventor: HARMSEN J H; ODINGA K
Number of Countries: 026 Number of Patents: 002
Patent Family:
              Kind Date
                                            Kind
Patent No
                            Applicat No
                                                   Date
                                                            Week
                                                 20001208
                                                           200272
              C2 20020611 NL 20001016835 A
NL 1016835
                                                 20011210
                                                           200272
              A1 20021002 EP 2001204761
                                            Α
EP 1246096
Priority Applications (No Type Date): NL 20001016835 A 20001208
Patent Details:
Patent No Kind Lan Pg
                        Main IPC
                                     Filing Notes
NL 1016835
             C2
                   26 G06F-017/60
EP 1246096
             A1 E
                      G06F-017/60
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR
 25/3/20
             (Item 20 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
014761278
             **Image available**
WPI Acc No: 2002-581982/200262
XRPX Acc No: N02-4614294
                        farm location determination in integrated circuit
  Interconnect repeater
  design, involves defining repeater farms to concentrated areas of
  optimal constrained-unconstrained repeater locations for each net and
  sub-optimal net
Patent Assignee: HEWLETT-PACKARD CO (HEWP )
Inventor: JOSEPHSON J E; WANEK J D
Number of Countries: 001 Number of Patents: 001
Patent Family:
            Kind
Patent No
                    Date
                             Applicat No
                                            Kind
                                                   Date
US 6408426
             B1 20020618 US 2000507442
                                            Α
                                                 20000219
Priority Applications (No Type Date); US 2000507442 A 20000219
Patent Details:
                                     Filing Notes
Patent No Kind Lan Pg
                       Main IPC
                  11 G06F-017/50
US 6408426
             В1
             (Item 21 from file: 350)
 25/3/21
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
             **Image available**
014700977
WPI Acc No: 2002-521681/200256
XRPX Acc No: N02-412816
  Animal management system for use in farms , classifies animals
  automatically by testing property of parameters of each animal with
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117

Search Report from Ginger R. DeMille

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respect to pre-stored passage criterion
Patent Assignee: NEDAP NED APPARATENFAB NV (NEDA )
Inventor: HARMSEN J H; ODINGA K
Number of Countries: 026 Number of Patents: 002
Patent Family:
                    Date
                                            Kind
                                                    Date
                                                             Week
Patent No
             Kind
                             Applicat No
                   20020612 EP 2001204739 A
                                                 20011207 200256 B
              A1
EP 1213676
               C2 20020611 NL 20001016833 A
                                                 20001208 200258
NL 1016833
Priority Applications (No Type Date): NL 20001016833 A 20001208
Patent Details:
                                     Filing Notes
Patent No Kind Lan Pg
                       Main IPC
EP 1213676 A1 E 19 G06F-017/60
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
NL 1016833
                      G06F-017/60
 25/3/22
             (Item 22 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
            **Image available**
014603118
WPI Acc No: 2002-423822/200245
   Farm products trading system and method through virtual growing
Patent.Assignee: KIM E. S (KIME-I) . . .
Inventor: KIM E S
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date
                             Applicat No
                                                    Date
                                            Kind
KR 2002000601 A 20020105 KR 200035382
                                                 20000626 200245 B
                                             Α
Priority Applications (No Type Date): KR 200035382 A 20000626
Patent Details:
Patent No Kind Lan Pyl Main IPC
KR 2002000601 A
                                     Filing Notes
KR 2002000601 A
                     1 G06F-017/60
             (Item 23 from file: 350)
 25/3/23
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
014580679
             **Image available**
WPI Acc No: 2002-401383/200243
  Real time transaction method for farm products
Patent Assignee: LEE M (LEEM-I); OH S B (OHSB-I); SEO P D (SEOP-I); YANG S
 M (YANG-I)
Inventor: LEE M; OH S B; SEO P D; YANG S M
Number of Countries: 001 Number of Patents: 001
Patent Family:
                             Applicat No
                                             Kind
                                                   Date
Patent No
             Kind
                     Date
KR 2001113614 A
                   20011228 KR 200176763
                                             Α
                                                 20011205 200243 B
Priority Applications (No Type Date): KR 200176763 A 20011205
                   W
Patent Details:
Patent No Kind Lan Pg
                         Main IPC
                                     Filing Notes
KR 2001113614 A
                    1 G06F-017/60
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(Item 24 from file: 350)
25/3/24
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
             **Image available**
014471457
WPI Acc No: 2002-292160/200233
XRPX Acc No: N02-228105
  Developing farm management plan e.g. for production agriculture,
  involves prompting user to input information pertaining to farms with
  input information pertaining to farm is obtained from user via global
  electronic communications network
Patent Assignee: SCHNEIDER G M (SCHN-I); DEERE & CO (DEEC )
Inventor: SCHNEIDER G M4
Number of Countries: 09
                          Number of Patents: 004
Patent Family:
                             Applicat No
                                             Kind
                                                    Date
Patent No
              Kind
                     Date
                   20020228 WO 2001US26051 A
                                                  20010821 200233 B
WO 200217540
              A2
                   20020304 AU 200188334
                                                  20010821
AU 200188334
             Α
                                              Α
US 20020103688 A1 20020801 US 2000226857
                                                  20000822 200253
                                             P
                              US 2001934257
                                              Α
                                                  20010821
                                                  20010821
                                                             200344
EP 1323099
               A2
                   20030702
                             EP 2001968056
                                              Α
                              WO 2001US26051 A
                                                  20010821
Priority Applications (No Type Date): US 2001934257 A 20010821; US
  2000226857 P 20000822
Patent Details:
Patent No Kind Lan Pg Main IPC
                                      Filing Notes
WO 200217540 A2 E 53 H04L-000/00
   Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
   CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
   IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
   PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
   Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW 200188334 A 1 1 104L-000/00 Based on patent WO 200217540
AU 200188334 A
                                     Provisional application US 2000226857
US 20020103688 A1
                        G06F-017/00
EP 1323099
              A2 E
                       G06F-017/60
                                      Based on patent WO 200217540
   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR
             (Item 25 from file: 350)
 25/3/25
DIALOG(R) File 350: Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.
                   014413882
             **Image available**
WPI Acc No: 2002-234585/200229
   Farm produce internet dealing method
Patent Assignee: SOFTMINE CO LTD (SOFT-N)
Inventor: PARK C I
Number of Countries: 001 Number of Patents: 001
Patent Family:
             Kind Date
                              Applicat No
                                             Kind
                                                    Date
                                                              Week
                   №011109 KR 200159664
                                              A 20010926 200229 B
KR 2001099415 A
Priority Applications (No Type Date): KR 200159664 A 20010926
Patent Details:
Patent No Kind Lan Pg Main IPC
                                      Filing Notes
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XRPX Acc No: N02-112217

Internet-based farms selecting apparatus determines offers to be made to farms for growing specified crop, based on estimation of profits to be earned by farms for growing other crops

Patent Assignee: RENESSEN LLC (RENE-N)

Inventor: BARCLAY R A; BARNETT B H; HAY N; SCHLACHTENHAUFEN J J; ULRICH J F

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No Kind Date Applicat No Kind Date Week WO 200203307 A2 20020110 WO 2001US20294 A 20010626 200219 B US 20020059091 A1 20020516 US 2000215982 P 20000705 200237

US 2000626576 A 20000727 US 200243403 A 20020110

AU 200171474 A 20020114 AU 200171474 A 20010626 200237

Priority Applications (No Type Date): US 2000626576 A 20000727; US 2000215982 P 20000705; US 200243403 A 20020110

Patent Details:

AU 200171474 A

25/3/28

Patent No Kind Lan Pg Main IPC Filing Notes .

WO 200203307 A2 E 74 G06F-019/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL DA PT SD SE SL SZ TR TZ UG ZW US 20020059091 A1 G06F-017/60 Provisional application US 2000215982

Div ex application US 2000626576 G06F-019/00 Based on patent WO 200203307

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DIALOG(R) File 350: Dervent WPIX

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014316538 **Image available**
WPI Acc No: 2002-137240/200218

System for cyber farm capable of cultivating and raising agricultural products and livestock through network and method for managing thereof

Patent Assignee: KIM S C (KIMS-I); NAM I H (NAMI-I)

(Item 28 farom file: 350)

Inventor: KIM S C; NAM I H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week KR 2001083818 A 20010903 KR 200139186 A 20010630 200218 B

Priority Applications (No Type Date): KR 200139186 A 20010630

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001083818 A 1 G06F-017/60

25/3/29 (Item 29 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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014298356 **Image available**
WPI Acc No: 2002-119059/200216

XRPX Acc No: N02-089326

Network marketplace system for farm -fresh product has information collection network system that prepares systems for search, charging and delivery, and manages data from number of publishing companies

Patent Assignee: SUISAN TIMESSHA KK (SUIS-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Applicat No Kind Date Patent No Kind Date JP 2001351007 A 20011221 JP 2000169174 20000606 200216 B Α

Priority Applications (No Type Date): JP 2000169174 A 20000606

Patent Details:

Filing Notes Patent No Kind Lan Pg Main IPC

9/606F-017/60 JP 2001351007 A

(Item 30 from file: 350) 25/3/30

DIALOG(R) File 350: Derwent WPIX

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014148695 **Image available**

WPI Acc No: 2001-632914/200173

XRPX Acc No: N01-472757

Merchandise management system for farm houses, has contract establishment unit to sequentially establish contract for transportation of goods at reasonable transaction accepted by goods provider and purchaser

Patent Assignee: YAMAUCHI H (YAMA-I); YONEYAMA A (YONE-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date 20010907 JP 200057756 JP 2001243556 A Α 20000302 200173 B

Priority Applications (No Type Date): JP 200057756 A 20000302

Patent Details:

Filing Notes Patent No Kind Lan Pg Main IPC

JP 2001243556 A 13 G07G-001/12

25/3/31 (Item 31 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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Image available

WPI Acc No: 2001-576326/200165

Method for operating farm via internet and wired/wireless communication networks

Patent Assignee: LEE C H (LEEC-I)

Inventor: LEE C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

 $\mathtt{Kind}^{\, \cdot}$ Date Applicat No Kind Date Patent No KR 2001035156 A .2001 507 KR 2001888 Α 20010106 200165 B

Priority Applications (No Type Date): KR 2001888 A 20010106

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

1 G06F-017/60 KR 2001035156 A

(Item 32 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. 013715624 **Image available** WPI Acc No: 2001-199848/200120 Apparatus and method for managing farm using a network - NoAbstract Patent Assignee: SOHN S H (SOHN-I) Inventor: SOHN S H Number of Countries: 001 Number of Patents: 001 Patent Family: Patent No Kind Date Applicat No Kind Date 20000407 200120 B 2000**0**805 KR 200019089 Α KR 2000049571 A Priority Applications (No Type Date): KR 200019089 A 20000407 Patent Details: Main IPC Filing Notes Patent No Kind Lan Pg G06F-017/60 KR 2000049571 A 25/3/33 (Item 33 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. **Image available** 012827454 WPI Acc No: 1999-633686/199954 XRPX Acc No: N99-467951 Milk yielding animals data recording method for identifying duplication in on- farm testing, herd testing Patent Assignee: TRU-TEST LTD (TRUT-N) Inventor: HESLIN M B; HOWELL D J Number of Countries: 087 Number of Patents: 007 Patent Family: Kind Parte A1 19991014 Kind Patent No Applicat No Date Week A 19990401 199954 .B WO 9951083 WO 99NZ42 AU 9935411 19991025 AU 9935411 19990401 200011 Α A1 20010214 EP 99917252 19990401 200111 EP 1075177 Α WO 99NZ42 Α 19990401 20020117 AU 742891 В AU 9935411 Α 19990401 200219 WO 99NZ42 JP 2002510469 W 20020409 A 19990401 200227 JP 2000541866 Α 19990401 NZ 507954 NZ 507954 Α 20021122 Α 19990401 200301 WO 99NZ42 Α 19990401 В1 20040316 WO 99NZ42 US 6705247 Α 19990401 200420 US 2000647820 20001002 А Priority Applications (No Type Date): NZ 330112 A 19980402 Patent Details: Patent No Kind Lan Pg Main IPC Filing Notes A1 E 50 A01J-005/007 WO 9951083 Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LY MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA VG US UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW Based on patent WO 9951083 AU 9935411 A01J-005/007 Based on patent WO 9951083 EP 1075177 Al E

Search Report from Ginger R. DeMille Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE Previous Publ. patent AU 9935411 AU 742891 A01J-005/007 Based on patent WO 9951083 JP 2002510469 W 40 A01J-005/00 Based on patent WO 9951083 A01J-005/007 Based on patent WO 9951083 NZ 507954 Α A01J-003/00 Based on patent WO 9951083 U\$ 6705247 .B1 25/3/34 (Item 34 from file: 350) DIALOG(R) File 350: Derwent WPIX (c) 2004 Thomson Derwent. All rts. reserv. **Image available** 012556131 WPI Acc No: 1999-362237 199931 XRPX Acc No: N99-270255 Plantation management system for farm lands - controls plantation process and agricultural work, through computer network by performing communication between user's personal computer and farmhouse control computer Patent Assignee: NAKANO K (NAKA-I) Number of Countries: 001 Number of Patents: 001 Patent Family: Applicat No Kind Date Week Patent No Kind Date 19990521 JP 97330767 Α 19971025 199931 JP 11134398 Α Priority Applications (No Type Date): JP 97330767 A 19971025 Patent Details: Filing Notes Patent No Kind Lan Pg Main IPC 11 G06F-017/60 JP 11134398 Α (Item 35 from file: 350) 25/3/35 DIALOG(R) File 350: Derwept WPIX (c) 2004 Thomson Dervent. All rts. reserv. **Image available** 009987996 WPI Acc No: 1994-255707/199432 Related WPI Acc No: 1996-117442; 1997-449126; 2001-396342; 2002-328340; 2002-706456; 2004-446993 XRPX Acc No: N94-201443 Data processing network for feeding farm animals esp. cattle in feedlot - uses multiple data processing units to display and control rate of feeding to multiple pens Patent Assignee: LEXTRON INC (LEXT-N) Inventor: ACKERMAN M A; CARISH J; CURETON J S; BREWSTER S H Number of Countries: 003 Number of Patents: 006 Patent Family: Patent No Kind Date Applicat No Kind Date Week 199432 AU 9350524 19940519 AU 9350524 19931108 Α Α 199432 19940510 CA 2102150 19931101 CA 2102150 Α Α US 92973450 199546 US 5457627 19951010 Α 19921109 US 95380929 Α 19950131 1997 1603 US 92973450 Α 19921109 199728 US 5636118 US 94248390 19940524 Α

1518-Aug-0409:41 AM

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19941227

19921109

19950131

19951004

199912

US 94364424

US 92973450

US 95380929

US 95539310

US 5867820

Α

19990202

19961202 US 96757645 Α 199916 Α 19921109 US 5878402 19990302 US 92973450 19940524 US 94248390 Α US 94364424 19941227 Α 19970527 US 97863646 Α

Priority Applications (No Type Date): US 92973450 A 19921109; US 95380929 A 19950131; US 94248390 A 19940524; US 94364424 A 19941227; US 95539310 A 19951004; US 96757645 A 19961202; US 97863646 A 19970527

Patent Details:

Main IPC Filing Notes Patent No Kind Lan Pg 93 G06F-015/46 AU 9350524 Α A01K-005/02 CA 2102150 Α Cont of application US 92973450 40 G06F-017/60 US 5457627 Α Cont of application US 92973450 38,\$06F-015/00 US 5636118 Α Cont of application US 94248390 Cont of application US 92973450 US 5867820 Α G06F-017/60 Cont of application US 95380929 Cont of application US 95539310 Cont of patent US 5457627 Cont of application US 92973450 US 5878402 G06F-015/00 Α Cont of application US 94248390 Cont of application US 94364424 Cont of patent US 5636118

(Item 1 from file: 347) DIALOG(R) File 347: JAPIO (c) 2004 JPO & JAPIO. All rts. reserv.

07966097 **Image available** SUPPORT SYSTEM FOR ADMINISTRATION OF FARM LAND

2004-078856 [JP 2004078856 A] PUB. NO.: March 11, 2004 (20040311) PUBLISHED:

KANAMOR YOSUKE

INVENTOR(s):

YAMAGISHI DAISUKE

TANABE ASAKO APPLICANT(s): KANAMORI YOSUKE

YAMAGISHI DAISUKE

TANABE ASAKO

APPL. NO.: 2002-266103 [JP 2002266103] FILED: August 09, 2002 (20020809)

(Item 2 from file: 347) 25/3/37 DIALOG(R) File 347: JAPIO (c) 2004 JPO & JAPIO. All rts. reserv.

07.815941 **Image available**

BREEDING RELIABLE, SAFE AND HEALTHY FISH AND SHELLFISH BY FARM FISH THEM WITH PROBIOTICS (LIVE BACTERIA PREPARATION) BREEDING MICROORGANISM-FORMULATED FEED OR ADDITIVE AND OVERALL CONTROLLING THE FISH AND SHELLFISH

2003-90175 [JP 2003310175 A] November 05, 2003 (20031105) PUB. NO.: PUBLISHED:

MORINAGA NORIKO INVENTOR(s): IKEDA KAZUHIKO

117

Search Report from Ginger R. DeMille

ADACHI KINUKO TOKITSU MIKIKO IKEDA MASANORI

APPLICANT(s): MORINAGA NORIKO

APPL. NO.: 2002-163610 [JP 2002163610] FILED: April 26, 2002 (20020426)

25/3/38 (Item 3 from file: 347)

DIALOG(R) File 347: JAPIO

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07674195 **Image available**

FARM EQUIPMENT RENTAL SYSTEM, PROGRAM AND RECORDING MEDIUM

PUB. NO.: 2003-168057 [JP 2003168057 A]

PUBLISHED: June 13, 2003 (20030613)

INVENTOR(s): IIZUKA KANEYOSHI APPLICANT(s): RICOH CO LTD

APPL. NO.: 2001-368816 [JP 2001368816] FILED: December 03, 2001 (20011203)

25/3/39 (Item 4 from file: 347)

DIALOG(R) File 347: JAPIO

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07650104 **Image available**

SYSTEM FOR PROVIDING GROWTH INFORMATION OF FARM PRODUCT IN FIELD

PUB. NO.: 2003-143959 [JP 2003143959 A]

PUBLISHED: May 20, 2003 (20030520)

INVENTOR(s): NAKAO TAKASHI

GOTO HITOSHI

APPLICANT(s): HITACHI DNG CO LTD

AGRICULTURE FORESTRY & FISHERIES TECHNICAL INFORMATION

SOCIETY

APPL. NO.: 2001-343100 [JP 2001343100] · FILED: November 08, 2001 (20011108)

25/3/40 (Item 5 from file: 347)

DIALOG(R) File 347: JAPIO

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07552818 **Image.available**

TEA FARM MANAGEMENT INSTRUCTION SYSTEM

PUB. NO.: 2003-046658 [JP 2003046658 A] PUBLISHED: February 14, 2003 (20030214)

INVENTOR(s): ONODA HATSUO

APPLICANT(s): KAWASAKI KIKO CO LTD

APPL. NO.: 2001-235153 [JP 2001235153] FILED: August 02 2001 (20010802)

25/3/41 (Item 6 from file: 347)

DIALOG(R) File 347: JAPIO

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Image available 07536443

SYSTEM FOR SUPPORTING FARM MANAGEMENT THROUGH INTERNET

PUB. NO.:

2003-030278 [JP 2003030278

PUBLISHED:

January 31, 2003 (20030131)

INVENTOR(s): .MINAISHI- TERUAKI.

HIRAISHI TAKESHI

APPLICANT(s): NATIONAL AGRICULTURAL RESEARCH ORGANIZATION

APPL. NO.:

2001-220418 [JP 2001220418]

FILED:

July 19, 2001 (20010719)

25/3/42

(Item 7 from file: 347)

DIALOG(R) File 347: JAPIO

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07525087

Image available

FARM -MANAGEMENT SYSTEM

PUB. NO.:

2003-018918 [JP 2003018918 A]

PUBLISHED:

January 21, 2003 (20030121)

INVENTOR(s): KURIHARA HIDEO

YOSHIDA MASAYOSHI

APPLICANT(s): ONGA ENG KK

APPL. NO.:

2001-208439 [JP 2001208439]

FILED: .

'July 09, 2001 (20010709)'

25/3/43

(Item 8 from file: 347)

DIALOG(R) File 347: JAPIO

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07452438

Image ava#lable

FARM PRODUCT PRODUCTION SUPPORT SYSTEM

PUB. NO.:

2002-320953 [JP 2002320953 A]

PUBLISHED:

November 05, 2002 (20021105)

INVENTOR(s):

KOBAYASHI AKIO

SUMIDA TOSHIO

TSUDA SHIGENORI

APPL. NO.:

APPLICANT(s): SUMITOMO CHEM CO LTD

FILED:

2001-186091 [JP 2001186091] June 20, 2001 (20010620)

PRIORITY:

2000-185961 [JP 2000185961], JP (Japan), June 21, 2000

(20000621)2001-049822 [JP 200149822], JP (Japan), February 26, 2001

(20010226)

(Item 9 from file: 347) 25/3/44

DIALOG(R) File 347: JAPIO

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07400692

Image a valilable

COLLECTING AND FORWARDING SYSTEM FOR FARM PRODUCTS

PUB. NO.:

2002-269194 [JP 2002269194 A]

September 20, 2002 (20020920)

PUBLISHED:

INVENTOR(s): SHIROMA SHINICHI

DEGUCHI KIYOKATSU

APPLICANT(s): JT ENGINEERING INC

APPL. NO.: 2001-069145 [JP 200169145] FILED: March 12, 2001 (20010312)

25/3/45 (Item 10 from file: 347)

DIALOG(R) File 347: JAPIO

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07321288 **Image available**

FARM PRODUCTS DISTRIBUTED PRODUCTION SYSTEM

PUB. NO.: 2002-18975 [JP 2002189775 A]

PUBLISHED: July \$5 2002 (20020705)

INVENTOR(s): IKEDA AKIRA

ITO TOSHIRO TAMURA MASAO

APPLICANT(s): MITSUBISHI ELECTRIC CORP APPL. NO.: 2000-388365 [JP 2000388365] FILED: December 21, 2000 (20001221)

25/3/46 (Item 11 from file: 347)

DIALOG(R) File 347: JAPIO

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07321287 **Image available**

FARM PRODUCTS DISTRIBUTED PRODUCTION SYSTEM

PUB. NO.: 2002-189774 [JP 2002189774 A]

PUBLISHED: July 05, 2002 (20020705)

INVENTOR(s): IKEDA AKIRA

ITO TOSHIRO TAMURA MASAO

APPLICANT(s): MITSUBISHI ELECTRIC CORP APPL. NO.: 2000-388361 [JP 2000388361] FILED: December 21, 2000 (20001221)

25/3/47 (Item 12 from file: 347)

DIALOG(R) File 347: JAPIO

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07314759

FARM PRODUCTS CONSIGNMENT SALE SYSTEM

PUB. NO.: 2002-183245 [JP 2002183245 A]

PUBLISHED: June 28, 2002 (20020628)

INVENTOR(s): SAITO TOMIO APPLICANT(s): SAITO TOMIO

APPL. NO.: 2000-404378 [JP 2000404378]

FILED: December, \$\frac{1}{4}8\$, 2000 (20001218)

25/3/48 (Item 13 from file: 347)

DIALOG(R) File 347: JAPIO

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07301527 **Image available** ORDER SYSTEM FOR FRESH FARM PRODUCTS

2002-170007 [JP 2002170007 A] PUB. NO.:

June 14, 2002 (20020614) PUBLISHED:

INVENTOR(s): MORITA KAZUHIKO ... APPLICANT(s): KI FRESH ACCESS INC

2000-365961 [JP 2000365961] APPL. NO.: November 30, 2000 (20001130) FILED:

(Item 14 from file: 347) 25/3/49

DIALOG(R) File 347: JAPIO

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Image available 07240521

OWNER FARM SYSTEM UTILIZING INTERNET

2002-108972 [JP 2002108972 A] PUB. NO.:

April 12, 2002 (20020412) PUBLISHED:

INVENTOR(s): TAKAHASHI CHOICHI APPLICANT(s): TAKAHASHI CHOICHI

2000-335202 [JP 2000335202] APPL. NO.: September 28, 2000 (20000928) FILED:

(Item 15 from file: 347) 25/3/50

DIALOG(R) File 347: JAPIO

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07038348 **Image available**

METHOD FOR PREVENTING ENVIRONMENTAL POLLUTION IN DIRECT TRANSACTION OF FARM PRODUCTS STOCK FARM PRODUCTS, MARINE PRODUCTS AND FOREST PRODUCTS

2001-265982 [JP 2001265982 A] PUB. NO.: September 28, 2001 (20010928) PUBLISHED:

INVENTOR(s): KIN TENTO APPLICANT(s): KIN TENTO

2000-301880 [JP 2000301880] APPL. NO.: October 02, 2000 (20001002) FILED:

PRIORITY: 00 200012346 [KR 200012346], KR (Korea) Republic of, March

11, 2000 (20000311)

25/3/51 (Item 16 from file: 347)

DIALOG(R) File 347: JAPIO

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Image available 06404923

EQUIPMENT FOR BACKING UP FARM WORK

PUB. NO.: 11-346578 [JP 11346578 A] December \$1, 1999 (19991221) PUBLISHED:

TERANISHI YUKO SEKOZAVA TERUJI INVENTOR(s):

APPLICANT(s): HITACHI LTD .

BIO ORIENTED TECHNOL RES ADVANCEMENT INST

10-154168 [JP 98154168] APPL. NO.:

FILED: June 03, 1998 (19980603)

25/3/52 (Item 17 from file: 347)

DIALOG(R) File 347: JAPIO

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Image available 06371976

SUPPORT SYSTEM FOR DETERMINING FARM WORK AND METHOD THEREFOR, AND STORAGE MEDIUM

PUB. NO.: 11-313594 [JP 11313594 A]

November 16, 1999 (19991116) PUBLISHED:

INVENTOR(s): MURASE HARUHIKO

APPLICANT(s): OMRON CORP

10-120862 [JP 98120852] April 30, 1998 (19980430) APPL. NO.: FILED:

25/3/53 (Item 18 from file: 347)

DIALOG(R) File 347: JAPIO

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06234038 **Image available**

SYSTEM FOR MANAGING PRODUCTION AND DISTRIBUTION OF FARM

.11-175609 [JP 11175609 A] PUB. NO.:

July 02, 1999 (19990702) PUBLISHED:

INVENTOR(s): TSUKADA TAKESHI

KAMEI AKIO

APPLICANT(s): NEXT ONE KK

09-362750 [JP 97362750] APPL. NO.:

December 12, 1997 (19971212) FILED:

(Item 19 from file: 347) 25/3/54

DIALOG(R) File 347: JAPIO

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06192847 **Image available**

RENTAL FARM MANAGEMENT SYSTEM

PUB. NO.: 11-134398 [JP 11134398 A]

May 21, 1999 (19990521) PUBLISHED:

INVENTOR(s): NAKANO KAZUHIDE APPLICANT(s): NAKANO KAZUHIDE

·09-330767 ·[JP 97330767]· October 25, 1997 (19971025) APPL: NO.:

FILED:

25/3/55 (Item 1 from file: 348)

DIALOG(R) File 348: EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01497322

A SYSTEM FOR RECOMMENDING AND ATTACHMENTS TO FARM TRACTORS CROPS

NUTZPFLANZEN UND LANDWIRTSCHAFTLICHEN **EMPFEHLEN** VON TRAKTOR-ANHANGEVORRICHTUNGEN

SYSTEME DESTINE A RECOMMANDER DES CULTURES ET DES EQUIPEMENTS POUR

TRACTEURS AGRICOLES

PATENT ASSIGNEE:

Honda Giken Kogyo Kabushiki Kaisha, (2060611), 1-1, Minami Aoyama 2-chome , Minato-ku, Tokyo 107-8556, (JP), (Applicant designated States: all) INVENTOR:

KUJI, Hideki c/oHonda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556; (JP)

LEGAL REPRESENTATIVE:

Rupp, Christian, Dipl. Phys. et al (88331), Mitscherlich & Partner Patentund Rechtsanwalte Sonnenstrasse 33, 80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1389326 A1 040218 (Basic)

WO 2002073484 020919

EP 2002700776 020226; WO 2002JP1703 020226 APPLICATION (CC, No, Date):

PRIORITY (CC, No, Date), JP 200172723 010314; JP 200181241 010321; JP 200181242 010321; JP 200185896 010323; JP 200189524 010327 DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English; English

(Item 2 from file: 348) 25/3/56

DIALOG(R) File 348: EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01455278

Farm management system

Farmverwaltungssystem

Systeme de gestion de ferme

PATENT ASSIGNEE:

N.V. Nederlandsche Apparatenfabriek NEDAP, (523242), Parallelweg 2, 7141 DC Groenlo, (NL) (Applicant designated States: all) INVENTOR:

Harmsen, Jan Hendrik, Sterreweg 5, 7255 BJ Hengelo, (NL)

Odinga, Kornelis, Tichelkuilen 92, 7206 BG Zutphen, (NL)

LEGAL REPRESENTATIVE:

Prins, Adrianus Willem et al (20903), Vereenigde, Nieuwe Parklaan 97, 2587 BN Den Haag, (NL)

PATENT (CC, No, Kind, Date): EP 1246096 A1 021002 (Basic)

APPLICATION (CC, No, Date): EP 2001204761 011210;

PRIORITY (CC, No, Date): NL 1016835 001208

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60; A01K-005/02

ABSTRACT WORD COUNT: 182

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication, Procedural, Application): English; English; Dutch

FULLTEXT AVAILABILITY: /

Available Text Language Update Word Count

> 200240 2152 CLAIMS A (English) 6058 (English) 200240 SPEC A

Total word count - document A 8210

Total word count - document B

Total word count - documents A + B 8210

(Item 3 from file: 348) DIALOG(R) File 348: EUROPEAN PATENTS

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01422465

SYSTEM AND METHOD FOR DEVELOPING A FARM MANAGEMENT PLAN FOR PRODUCTION AGRICULTURE

SYSTEM UND VERFAHREN ZUM ENTWICKELN EINES FARMVERWALTUNGSPLANS FUR DIE **PRODUKTIONSAGRARWIRTSCHAFT**

SYSTEME ET PROCEDE DE MISE AU POINT D'UN PLAN DE GESTION D'EXPLOITATION AGRICOLE POUR L'AGRICULTURE PRODUCTIVE

PATENT ASSIGNEE:

TENT ASSIGNEE: Schneider, Gary M. (4 (4038260), 4528 Otter Road, Masonville, Colorado 80541, (US), (Applicant designated States: all)

INVENTOR:

Schneider, Gary M., 4528 Otter Road, Masonville, CO 80541, (US) LEGAL REPRESENTATIVE:

Holst, Sonke, Dr. (87423), Deere & Company, European Office, Patent Department Steubenstrasse 36-42, 68163 Mannheim, (DE)

PATENT (CC, No, Kind, Date): EP 1323099 A2 030702 (Basic)

WO 2002017540 020228

EP 2001968056 010821; WO 2001US26051 010821 APPLICATION (CC, No, Date): PRIORITY (CC, No, Date): US 226857 P 000822; US 934257 P 010821

DESIGNATED STATES: DE; ES; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English

25/3/58 (Item 1 from file: 349)
DIALOG(R) File 349: PCT FULLTEXT

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00940338

A SYSTEM FOR RECOMMENDING CROPS AND ATTACHMENTS TO FARM TRACTORS SYSTEME DESTINE A RECOMMANDER DES CULTURES ET DES EQUIPEMENTS POUR TRACTEURS AGRICOLES

Patent Applicant/Assignee:

HONDA GIKEN KOGYO KABUSHIKI KAISHA, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556, JP, JP (Residence), JP (Nationality) Inventor(s): .

KUJI Hideki, c/o Honda Giken Kogyo Kabushiki Kaisha, 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo 107-8556, JP,

Legal Representative:

OKADA Tsuguo (et al) (agent), Okada & Fushimi, NE Kudan Bldg. 5F, 2-7, Kudan-minami 3-chome, Chiyoda-ku, Tokyo 102-0074, JP,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200273484 A2 20020919 (WO 0273484)
Application: WO 2002JP1703 20020226 (PCT/WO JP0201703)
Priority Application: JP 200172723 20010314; JP 200181241 20010321; JP 200181242 20010321; JP 200185896 20010323; JP 200189524 20010327

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)
BR CA CN ID PH VN

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English Filing Language: English Fulltext Word Count: 13237

25/3/59 (Item 2 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00883358 **Image available**

SYSTEM AND METHOD FOR DEVELOPING A FARM MANAGEMENT PLAN FOR PRODUCTION AGRICULTURE

AGRICULTURE

SYSTEME ET PROCEDEN DE MISE AU POINT D'UN PLAN DE GESTION D'EXPLOITATION

AGRICOLE POUR L'AGRICULTURE PRODUCTIVE

Patent Applicant/Inventor:

SCHNEIDER Gary M, 4528 Otter road, Masonville, Colorado 80541, US, US (Residence), US (Nationality)

Legal Representative:

PINE Jeffrey A (agent), Baniak Pine & Gannon, 150 N. Wacker Drive, Suite 1200, Chicago, il 60606, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217540 A2-A3 20020228 (WO 0217540)

Application: WO 2001US26051 20010821 (PCT/WO US0126051)

Priority Application: US 2000226857 20000822; US 2001934257 20010821

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG \$\frac{1}{2}\$S UZ VN YU ZA ZW

(EP) AT BE CH CY DELOK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CT CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English Filing Language: English Fulltext Word Count: 12510

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